



Albuquerque Bernalillo County
Water Utility Authority

*Adopted
Operating Budget
FY05*

ALBUQUERQUE BERNALILLO COUNTY



Water Utility Authority



BOARD MEMBERS

Alan B. Armijo, Chair

Michael J. Cadigan, Vice-Chair

Martin J. Chavez

Steve D. Gallegos

Eric Griego

Debbie O'Malley

Tom Rutherford

Pablo Rael, Trustee

Mark S. Sanchez, Executive Director

Table of Contents

SELECTED FINANCIAL & STASTICAL DATA	6
FINANCIAL PLAN FUND 621 & 622	10
LEGISLATION	14
OPERATING BUDGET FOR FY05	
CIP APPROPRIATON	
PROPOSED PRIORITY OBJECTIVES & PERFORMANCE PLAN	26

ALBUQUERQUE BENALILLO COUNTY WATER UTILITY AUTHORITY

The Albuquerque Bernalillo County Water Utility Authority identifies resources to provide quality water in sufficient quantity, collect and treat wastewater to acceptable standards, provide professional utility engineering services, and provide utility customer services. The Water Utility Authority operates and maintains water pump stations, reservoirs, wells, water lines, the Southside Water Reclamation Plant, the Soil Amendment Facility, sewage lift stations, odor control facilities, and sanitary sewer lines. ABCWUA also works to secure the region with a safe, adequate, and sustainable water supply.

MISSION

The mission of the Albuquerque Bernalillo County Water Utility Authority is to provide dependable, high quality water, and to collect and treat wastewater.

FISCAL YEAR 2005 HIGHLIGHTS

The FY/05 Budget for Water and Sewer reflects moderate changes from FY/04. The Water Utility Authority developed the budget by determining only those costs necessary to run the utility operation, including new equipment, increased operating expenses, and some additional expense for new CIP coming on line. The net increase in the operating category of expenses is about \$156,000.

The ABCWUA will begin construction on the Drinking Water Project during FY/05. The Drinking Water Project will allow the City to fully utilize our San Juan-Chama water for drinking water purposes by constructing a new diversion, water treatment plant and transmission pipelines. The water treatment plant will start construction in August 2004. The diversion dam and pipeline crossing the river will begin construction in October 2004. The \$ 294 million Drinking Water Project is scheduled to be operational in 2006.

The expanded odor control program for the Wastewater Treatment Plant and interceptor sewer system will begin implementation in FY/04. This program will become operational in FY/05.

Design work has begun in FY/04 for Area's I & J for the Valley Utility Projects. These areas extend south of Paseo Del Norte to approximately Chavez Road and between the Rio Grande River and 2nd Street. The design work will be completed in FY/05 with construction to begin late FY/05.

The implementation of the new utility billing system began in January 2004. Completion of the implementation and acceptance of the new system is scheduled for March 2005. The new utility billing system will replace the existing archaic system which is unreliable and is expensive to modify and maintain.

Funding of \$1 million is included for the purchase of replacement vehicles and equipment. The vehicles will be purchased directly out of the operating fund and the other half out of capital via a transfer from operating.

Debt service payments increase \$2.4 million over FY/04. The Capital Program has been increased to \$36 million for FY/05 with 50% of the costs paid from cash transfers and 50% from debt financing. Approximately \$7 million of CIP will be used to support Valley Utilities Projects.

Revenues

In Fiscal Year 2003 the Council adopted the final Phase 6 and 7 step increase for the Water Resources Management Strategy Implementation (San Juan-Chama surface water diversion project). Phase 6 took effect May 1, 2003, while Phase 7 will take effect May 1, 2004. Each increase is anticipated to generate an additional \$4 million in revenue.

In Fiscal Year 2005 the department has not proposed any new rate increases.

JOINT WATER AND SEWER

(\$000's)	ACTUAL FY/03	ORIGINAL BUDGET FY/04	REVISED BUDGET FY/04	ESTIMATED ACTUAL FY/04	PROPOSED BUDGET FY/05	PROP 05/ EST 04 CHG
PROGRAM STRATEGY SUMMARY BY GOAL:						
<u>JOINT WATER AND SEWER OPERATING FUND - 621</u>						
Customer Services	3,468	3,637	3,669	3,678	3,608	(70)
Finance	2,862	4,058	4,058	4,013	5,559	1,546
Bonus Program	0	0	550	548	0	(548)
Information Systems	336	638	638	582	1,590	1,008
Low Income Utility Credit	253	250	250	250	250	0
North I-25 Reuse	169	344	344	200	0	(200)
San Juan/Chama	2,273	2,222	2,222	2,222	2,237	15
State Conservation Fee	998	1,100	1,100	1,100	0	(1,100)
Water Authority	0	0	0	0	673	673
Strategic Support	1,201	1,363	1,363	1,271	1,337	66
Utility Development	711	776	776	697	878	181
Wastewater Collection	3,652	4,400	4,400	4,351	4,525	174
Wastewater Laboratory	1,277	1,377	1,377	1,273	0	(1,273)
Wastewater Pretreatment	668	1,788	1,788	1,782	3,270	1,488
Wastewater Treatment	10,839	10,650	10,650	9,798	10,751	953
Water Contract O&M	69	155	155	74	0	(74)
Water Distribution Facilitation	6,447	6,471	6,471	7,189	3,841	(3,348)
Water Distribution Facility Operation	2,051	2,346	2,346	2,121	0	(2,121)
Water Plant Facility Production	2,226	2,660	2,660	2,478	10,513	8,035
Water Plant Facility Distribution	7,982	8,338	8,338	8,983	9,547	564
Water Revenue Meter Maintenance	2,230	2,891	2,891	2,342	0	(2,342)
Trfr from Fund 621 to Fund 110	6,455	7,186	7,186	7,186	6,533	(653)
Trfr from Fund 621 to Fund 628	10,500	10,091	10,091	10,091	5,000	(5,091)
Trfr from Fund 621 to Fund 629	500	500	500	500	1,000	500
Trfr from Fund 621 to Fund 631	34,463	38,561	38,561	38,561	40,954	2,393
Subtotal Jt. Water & Sewer Operating Fund - 621	101,630	111,802	112,384	111,290	112,066	776
<u>SUSTAINABLE WATER SUPPLY FUND - 622</u>						
N-I25 Reuse	0	0	0	0	369	369
Sustainable Water Supply	6,049	13,665	13,665	12,752	11,585	(1,167)
Trfr from Fund 622 to Fund 110	457	663	663	663	1,156	493
Trfr from Fund 622 to Fund 621	0	0	0	0	0	0
Trfr from Fund 622 to Fund 629	6,400	6,050	6,050	6,050	12,000	5,950
Trfr from Fund 622 to Fund 631	1,033	1,831	1,831	1,831	8,611	6,780
Total Sustainable Water Supply Fund - 622	13,939	22,209	22,209	21,296	33,721	12,425
<u>JOINT WATER & SEWER REVENUE BOND D/S FUND - 631</u>						
Debt Service	45,822	46,235	46,235	46,211	56,122	9,911
Transfer to Rehab Fund 628	0	0	0	0	0	0
Transfer to Capital Fund 629	4,000	5,909	5,909	5,909	12,000	6,091
Total Water/Sewer Debt Svc Fd - 631	49,822	52,144	52,144	52,120	68,122	16,002
TOTAL - GOAL 3	165,391	186,155	186,737	184,706	213,909	29,203
GOAL 5: ENVIRONMENTAL PROTECTION AND ENHANCEMENT						
<u>JOINT WATER AND SEWER OPERATING FUND - 621</u>						
Water Resources	2,555	3,231	3,231	3,250	3,123	(127)
TOTAL GOAL 5	2,555	3,231	3,231	3,250	3,123	(127)
TOTAL DEPARTMENT APPROPRIATIONS	167,946	189,386	189,968	187,956	217,032	29,076
Interfund Adjustment	(35,496)	(40,392)	(40,392)	(40,392)	(49,565)	(9,173)
NET DEPARTMENT APPROPRIATIONS	132,450	148,994	149,576	147,564	167,467	19,903

**JOINT WATER AND SEWER OPERATING FUND 621
RESOURCES, APPROPRIATIONS, AND FUND BALANCE**

(000's)	ACTUAL FY/03	ORIGINAL BUDGET FY/04	REVISED BUDGET FY/04	ESTIMATED ACTUAL FY/04	PROPOSED BUDGET FY/05	PROP 05/ EST ACT 04 CHG
RESOURCES:						
Miscellaneous Revenues	419	420	420	420	420	0
Enterprise Revenues	102,586	109,191	109,191	110,268	111,832	1,564
Transfers from Other Funds	1,199	1,331	1,329	1,274	1,358	84
Total Current Resources	104,204	110,942	110,940	111,962	113,610	1,648
Beginning Working Capital Balance	17,967	10,865	10,865	10,865	8,287	(2,578)
TOTAL RESOURCES	122,171	121,807	121,805	122,827	121,897	(930)
APPROPRIATIONS:						
Joint Water/Sewer Operations	52,267	58,695	59,277	58,202	61,702	3,500
Transfers to Other Funds:	51,918	56,338	56,338	56,338	53,487	(2,851)
TOTAL APPROPRIATIONS	104,185	115,033	115,615	114,540	115,189	649
ADJUSTMENTS TO WORKING CAPITAL BALANC	(7,121) (a)	0	0	0	0	0
ENDING WORKING CAPITAL BALANCE	10,865	6,774	6,190	8,287	6,708	(1,579)

(a). Reclassification of current assets to non-current

SUSTAINABLE WATER SUPPLY FUND 622
RESOURCES, APPROPRIATIONS, AND FUND BALANCE

(000;s)	ACTUAL FY/03	ORIGINAL BUDGET FY/04	REVISED BUDGET FY/04	ESTIMATED ACTUAL FY/04	PROPOSED BUDGET FY/05	PROP 05/ EST ACT 04 CHG
RESOURCES:						
Miscellaneous Revenues	143	300	300	250	300	50
Strategy Implementation Revenues	16,263	21,610	21,610	22,874	28,369	5,495
Total Current Resources	16,406	21,910	21,910	23,124	28,669	5,545
Beginning Fund Balance	4,514	6,981	6,981	6,981	8,809	1,828
TOTAL RESOURCES	20,920	28,891	28,891	30,105	37,478	7,373
APPROPRIATIONS:						
Sustainable Water Operations	6,049	13,665	13,665	12,752	11,954	(798)
Transfers to Other Funds	7,890	8,544	8,544	8,544	21,767	13,223
TOTAL APPROPRIATIONS	13,939	22,209	22,209	21,296	33,721	12,425
ADJUSTMENTS TO FUND BALANCE	0	0	0	0	0	0
ENDING WORKING CAPITAL BALANCE	6,981	6,682	6,682	8,809	3,757	(5,052)

JOINT WATER AND SEWER REVENUE BOND DEBT SERVICE FUND 631
RESOURCES, APPROPRIATIONS, AND FUND BALANCE

(000's)	ACTUAL FY/03	ORIGINAL BUDGET FY/04	REVISED BUDGET FY/04	ESTIMATED ACTUAL FY/04	PROPOSED BUDGET FY/05	PROP 05/ EST ACT 04 CHG
RESOURCES:						
Miscellaneous Revenues	15,037	10,550	10,550	13,150	13,550	400
Transfer from Other Funds	35,496	40,392	40,392	40,392	49,565	9,173
Total Current Resources	50,533	50,942	50,942	53,542	63,115	9,573
Beginning Fund Balance	5,731	6,442	6,442	6,442	7,864	1,422
TOTAL RESOURCES	56,264	57,384	57,384	59,984	70,979	10,995
APPROPRIATIONS:						
Total Joint Water/Sewer D/S	45,822	46,235	46,235	46,211	56,122	9,911
Transfers to Other Funds	4,000	5,909	5,909	5,909	12,000	6,091
TOTAL APPROPRIATIONS	49,822	52,144	52,144	52,120	68,122	16,002
ADJUSTMENTS TO FUND BALANCE	0	0	0	0	0	0
ENDING FUND BALANCE	6,442	5,240	5,240	7,864	2,857	(5,007)

Selected Financial & Statistical Data

- 6 -



Albuquerque Bernalillo County Water Utility Authority

Selected Financial and Statistical Data

5 Years

	<u>1999</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>
Water System Income	\$49,126,000	\$52,657,000	\$56,495,000	\$61,391,000	\$63,586,000
Wastewater System Income	\$43,605,000	\$44,487,000	\$44,898,000	\$46,692,000	\$44,602,000
Other Operating Income	\$6,705,000	\$7,052,000	\$6,967,000	\$7,189,000	\$11,327,000
Total operating revenues	\$99,436,000	\$104,196,000	\$108,360,000	\$115,272,000	\$119,515,000
Non-operating revenues (expenses):					
Interest ⁽¹⁾	\$3,032,000	\$3,496,000	\$2,656,000	\$2,047,000	\$1,684,000
Expansion charges	\$11,968,000	\$10,780,000	\$10,909,000	\$11,909,000	\$14,433,000
Other	\$10,000	\$346,000	\$3,078,000	\$197,000	\$4,304,000
Gain (loss) on disposition of Property & Equipment	\$0	\$0	\$0	\$0	
Total adjusted revenues	\$114,446,000	\$118,818,000	\$125,003,000	\$129,425,000	\$139,936,000
Total operating expenses (excluding interest expense)	\$100,906,000	\$100,107,000	\$100,286,000	\$100,496,000	\$103,786,000
Less:					
Payments in lieu of taxes	(\$4,126,000)	(\$4,102,000)	(\$4,310,000)	(\$4,643,000)	(\$4,779,000)
Depreciation	(\$42,205,000)	(\$41,670,000)	(\$37,070,000)	(\$39,355,000)	(\$40,844,000)
Amortization	(\$1,604,000)	(\$1,221,000)	(\$1,091,000)	(\$1,142,000)	(\$849,000)
Total adjusted operating expenses	\$52,971,000	\$53,114,000	\$57,815,000	\$55,356,000	\$57,314,000
Net revenues available for debt service	\$61,475,000	\$65,704,000	\$67,187,000	\$74,069,000	\$82,622,000
Average Number of Customers by Fiscal Year					
Class					
Residential	128,738	131,618	134,014	137,081	140,347
Commercial	12,636	12,767	12,871	12,952	13,033
Institutional	1,618	1,638	1,660	1,683	1,712
Industrial	129	127	125	124	121
Total	143,121	146,150	148,670	151,840	155,213
Water Revenue Per Customer	\$343.25	\$360.29	\$380.00	\$404.31	\$409.67
Wastewater Revenue Per Customer	\$317.80	\$317.02	\$314.49	\$319.36	\$304.02
Number of Employees - Annual Average	592	595	587	592	515

Albuquerque Bernalillo County Water Utility Authority

Financial Position

Key Financial Indicators

The ABWUA financial position remains strong as evidenced by key financial indicators and ratios in the following table. In addition Albuquerque's water and wastewater rates remain very competitive among other cities of similar size and those situated in the Southwest.

For Fiscal Year	1999	2000	2001	2002	2003
Performance Measures					
Current Assets/Current Liabilities	2.00	3.00	2.80	3.50	3.40
Restricted Assets/Restricted Liabilities	2.10	2.20	1.80	2.00	2.00
Debt Service Coverage	1.60	1.50	1.50	1.60	1.70
Debt to Total Assets	0.49	0.46	0.43	0.41	0.38
Bond Ratings:					
Moodys	Aa3	Aa3	Aa3	Aa3	Aa3
Fitch	AA	AA	AA	AA	AA
Standard & Poors	AA	AA	AA	AA	AA

Water Rate Survey

Residential Rates - August 2002

City	Water	Sewer	Total	Impact Fee
Albuquerque	26.57	18.95	45.52	2,616
Austin	31.73	36.45	68.18	1,571
Colorado Springs	42.77	16.09	58.86	4,512
Dallas	23.59	25.71	49.30	None
Denver	24.32	31.20	55.52	2,870
El Paso	20.62	15.83	36.45	None
Las Vegas	20.22	12.60	32.82	3,400
Phoenix	20.82	13.26	34.08	1,252
San Antonio	26.66	15.97	42.63	1,543
Tucson	27.91	13.49	41.40	2,035

Average monthly residential bill assuming 17 CCFs of Water (12,718 Gallons or 17 units) and 11 CCFs sewer (8,229 gallons or 11 units)

Source: Black & Veatch Corporation 2003 Rate Survey and El Paso Water Utilities Web site.

ABWUA - Selected Water/Sewer System Statistics (Calendar Year)

	1997	1998	1999	2000	2001	2002
Number of Meters Billed	141,775	144,502	147,605	149,883	153,245	156,502
Annual Pumpage (1,000 Gallons)	25,810,000	36,841,000	35,627,000	37,101,000	35,750,000	34,760,000
Annual Water Billed (1,000 Gallons)	31,494,743	32,288,181	31,384,676	33,074,427	31,670,527	30,836,908
Average Daily (Gallons)	98,109,589	100,934,247	97,608,219	101,646,575	97,945,205	95,232,877
Peak Day Pumpage (Gallons)	174,500,000	181,560,000	174,430,000	169,500,000	163,600,000	160,140,000
Average Daily Per Meter (Gallons)	692	698	661	678	639	609
Well Pumping	293,000,000	293,000,000	293,000,000	294,000,000	294,000,000	294,000,000
Storage Capacity	206,600,000	206,600,000	211,000,000	211,000,000	211,000,000	211,000,000
Number of Miles of						
- Water	2,330	2,360	2,390	2,420	2,450	2,520
- Sewer	1,600	1,650	1,690	1,730	1,780	1,820

Financial Plan
Fund 621 & 622

- 10 -



PWD-Enterprise

Fund	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Capital Funds										
Needs: 623, 628, 629	25196	30000	33000	36000	36000	36000	36000	36000	36000	36000
Grants:										
Resources:										
Beginning Bal.	-1557	18262	15024	12230	30204	14617	28728	12443	26500	26500
Adjustments (MDC)	361	487	487	487	533	533	533	533	533	533
Adjustments (BF Park)	0	0	0	0	645					
Trf. from Operating	10300	11000	10591	6000	11000	11000	11000	11000	11000	11000
Trf. from Debt Service	3938	4000	5909	12000	7000	7000	7000	7000	7000	7000
Valley Grant 627	0	5211								
NMFA Water Loans	0	1482	3600	3872						
NMED Sewer Loans	0	3484	8516							
Bond Proceeds	30122	0	0	30000	0	30000	0	30000	0	30000
First Year is 6mos. (y/n)	n	n	n	n	n	n	n	n	n	n
Subtotal	43164	43926	44127	64589	49382	63150	47261	60976	45033	75033
Interest on Above	294	1098	1103	1615	1235	1579	1182	1524	1126	1876
Total	43458	45024	45230	66204	50617	64728	48443	62500	46159	76909
Balance June 30	18262	15024	12230	30204	14617	28728	12443	26500	10159	40909
Debt Service Fund										
Future Bond Interest=	4.5%			Interest Earnings =	2.5%					
Resources:										
Interest Income	814	602	550	550	777	860	813	706	706	658
UECs	12306	14776	13000	13000	13000	13000	13000	13000	13000	13000
Transfer from AFH	0	0	0	0	0	0	0	0	0	0
AFH Rebates	-397	-343	-350							
Transfer from 621	37808	34463	38561	40961	38302	41791	37421	28231	28232	24045
Transfer from 622	1055	1033	1831	8611	16856	20548	20842	20844	20846	20846
Release of Res.	284	0	0	0						
Return of Intel Deposit	0									
Adjustments/Misc	-149									
Bg. Fund Balance	3780	5707	6415	7888	2888	2888	2888	2888	2888	2888
Total	55501	56238	60007	71010	71823	79087	74964	65669	65672	61436
Expenditures:										
Agent Fees	0	8	8	15	8	8	8	8	8	8
Trf to Capital	3938	4000	5909	12000	7000	7000	7000	7000	7000	7000
Wtr/Swr Loans	3305	3663	4296	4345	5264	5282	5307	4032	4032	4032
Series "1990A" P&I	0	1310	1315	1260	5965	11365	11365	0	0	0
S87/Series "2000A" P&I	7959	7752	4529	4585	5208	0	0	0	0	0
Series "C" P&I	0	0								
Series 92 P&I	280	0								
Series 94A P&I	15120	9938	9980	9979	0	0	0	0	0	0
Series 95 P&I	5276	5273	5274	5276	5275	5274	0	0	0	0
San Juan Chama	1055	1033	1830	808	1247	1261	1558	1558	1559	0
Series 97 P&I	5900	5907	5914	5922	5934	5945	5965	5992	5992	0
99 P&I (excl SJC 622)	6186	9576	11704	8979	10149	10184	10977	10976	10976	10981
2001 P&I	775	1363	1360	3952	3986	4013	4032	4059	4059	4080
03 P&I	0	0	0	0	0	0	0	0	0	0
04 P&I	0	0	0	0	0	0	0	0	0	0
San Juan Chama (2005)				7803	7806	7802	7803	7804	7805	7803
San Juan Chama (2006)					7803	7806	7802	7803	7804	7805
San Juan Chama (2007)						3679	3679	3679	3679	3679
05 P&I				3198	3290	3290	3290	3290	3290	3290
06 P&I					0	0	0	0	0	0
07 P&I						3290	3290	3290	3290	3290
08 P&I							0	0	3290	0
09 P&I							3290	0	3290	3290
10 P&I										3290
Total	49794	49823	52119	68122	68935	76199	72076	62781	62784	58548
Fund Balance	5707	6415	7888	2888	2888	2888	2888	2888	2888	2888
Operating Fund										
Resources										
Rate Revenue	95852	97190	105831	107508	109658	111851	114088	116370	118697	118697
Nonrate Revenue	7368	6800	6130	5803	5803	5803	5803	5803	5803	5803
Extra Summer Surch	0	0								
Adj's + Swr 95%	15282	379	0	0	0	0	0	0	0	0
Bg. Working Cap.	6779	17967	10865	8723	6844	2867	-4363	-6999	-234	-234
Total	125281	122336	122825	122033	122305	120521	115528	115174	124266	124266
Expenditures										
Basic O&M	50532	50184	54629	58531	60287	62096	63958	65877	67853	67853
Other (incl GF Trm & Tort)	8674	15824	10322	9704	9850	9997	10147	10299	10454	10454
Transf. to DS	37808	34463	38561	40954	38302	41791	37421	28231	28232	24045
Transf. to Cap.	10300	11000	10591	6000	11000	11000	11000	11000	11000	11000
Total	107314	111472	114103	115189	119438	124884	122526	115407	117539	113352
Resources over Comm.	17967	10865	8723	6844	2867	-4363	-6999	-234	6727	10914
Rate Increases	2.5%	4.40%	4.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Accum. Inc. from 1990	44.4%	48.8%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%	53.3%
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011

PWD-Enterprise Fund

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Capital Fund										
Needs:	7,139	5,205	14,675	85,000	120,000	61,213				
Resources:										
Beginning Bal.	13,515	12,351	13,946	9,329	46,974	63,610	42,354	43,942	45,590	47,299
Adjustments										
Trf. from Operating	5,520	6,400	6,105	12,000	0	0	0	0	0	0
Grants (BuRec)		0	3,085	5,875						
Bond Proceeds				100,000	130,000	36,213				
First Year is 6mos. (y/n)	n	n	n	n	n	n	n	n	n	n
Subtotal	19,035	18,751	23,136	127,204	176,974	99,823	42,354	43,942	45,590	47,299
Interest on Above	455	400	868	4,770	6,637	3,743	1,588	1,648	1,710	1,774
Total	19,490	19,151	24,004	131,974	183,610	103,567	43,942	45,590	47,299	49,073
Balance June 30	12,351	13,946	9,329	46,974	63,610	42,354	43,942	45,590	47,299	49,073
Debt Service Fund										
Bond interest =	Term of bonds = 20			20	20	20	20	20	20	20
Resources:										
Interest Income	0	0	0	0	0	0	0	0	0	0
Transfer from operating	1,055	1,033	1,831	8,611	18,619	21,293	21,591	21,592	21,593	21,592
Bg. Fund Balance	0	0	0	0	0	0	0	0	0	0
Total	1,055	1,033	1,831	8,611	18,619	21,293	21,591	21,592	21,593	21,592
Expenditures:										
1999 P&I (12-yr debt)	1,055	1,033	1,831	808	1,247	1,261	1,558	1,558	1,558	1,559
2000 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2001 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2002 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2003 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2004 P&I			0	0	0	0	0	0	0	0
2005 P&I				7,803	7,806	7,802	7,803	7,804	7,805	7,803
2006 P&I					9,566	9,566	9,566	9,566	9,566	9,566
2007 P&I						2,665	2,665	2,665	2,665	2,665
2008 P&I							0	0	0	0
Total	1,055	1,033	1,831	8,611	18,619	21,293	21,591	21,592	21,593	21,592
Fund Balance	0	0	0	0	0	0	0	0	0	0
Operating Fund										
Rev Growth Rate=										
O&M Inflation=										
Other Inflation=										
Resources										
Revenue	13,473	16,411	23,124	28,053	28,614	29,186	29,770	30,365	30,973	31,592
Adjustments										
Bg. Working Cap.	5,263	4,491	6,963	7,878	2,212	8,540	1,254	(6,038)	(13,034)	(19,726)
Total	18,736	20,902	30,087	35,931	30,826	37,726	31,024	24,327	17,939	11,866
Expenditures										
O&M	7,297	6,049	13,665	11,952	2,500	14,000	14,280	14,566	14,857	15,154
Other - GF Transf	373	457	608	1,156	1,168	1,179	1,191	1,203	1,215	1,227
Transf. to DS	1,055	1,033	1,831	8,611	18,619	21,293	21,591	21,592	21,593	21,592
Transf. to Cap.	5,520	6,400	6,105	12,000						
Total	14,245	13,939	22,209	33,719	22,286	36,472	37,062	37,361	37,665	37,973
Resources over Exp	4,491	6,963	7,878	2,212	8,540	1,254	(6,038)	(13,034)	(19,726)	(26,107)
Rate Increases	4.50%	4.50%	4.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011

PWD-Enterprise Fund

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Capital Fund										
Needs:	7,139	5,205	14,675	85,000	120,000	61,213				
Resources:										
Beginning Bal.	13,515	12,351	13,946	9,329	46,974	63,610	42,354	43,942	45,590	47,299
Adjustments										
Trf. from Operating	5,520	6,400	6,105	12,000	0	0	0	0	0	0
Grants (BuRec)		0	3,085	5,875						
Bond Proceeds				100,000	130,000	36,213				
First Year is 6mos. (y/n)	n	n	n	n	n	n	n	n	n	n
Subtotal	19,035	18,751	23,136	127,204	176,974	99,823	42,354	43,942	45,590	47,299
Interest on Above	455	400	868	4,770	6,637	3,743	1,588	1,648	1,710	1,774
Total	19,490	19,151	24,004	131,974	183,610	103,567	43,942	45,590	47,299	49,073
Balance June 30	12,351	13,946	9,329	46,974	63,610	42,354	43,942	45,590	47,299	49,073
Debt Service Fund										
Bond interest =	Term of bonds = 20			20	20	20	20	20	20	20
Resources:										
Interest Income	0	0	0	0	0	0	0	0	0	0
Transfer from operating	1,055	1,033	1,831	6,924	15,313	17,542	17,839	17,839	17,839	17,840
Bg. Fund Balance	0	0	0	0	0	0	0	0	0	0
Total	1,055	1,033	1,831	6,924	15,313	17,542	17,839	17,839	17,839	17,840
Expenditures:										
1999 P&I (12-yr debt)	1,055	1,033	1,831	808	1,247	1,261	1,558	1,558	1,558	1,559
2000 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2001 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2002 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2003 P&I (12-yr debt)	0	0	0	0	0	0	0	0	0	0
2004 P&I			0	0	0	0	0	0	0	0
2005 P&I				6,116	6,116	6,116	6,116	6,116	6,116	6,116
2006 P&I					7,950	7,950	7,950	7,950	7,950	7,950
2007 P&I						2,215	2,215	2,215	2,215	2,215
2008 P&I							0	0	0	0
Total	1,055	1,033	1,831	6,924	15,313	17,542	17,839	17,839	17,839	17,840
Fund Balance	0	0	0	0	0	0	0	0	0	0
Operating Fund										
Rev Growth Rate=										
O&M Inflation=										
Other Inflation=										
Resources										
Revenue	13,473	16,411	23,124	28,053	28,614	29,186	29,770	30,365	30,973	31,592
Adjustments										
Bg. Working Cap.	5,263	4,491	6,963	7,878	3,899	13,533	9,998	6,459	3,217	279
Total	18,736	20,902	30,087	35,931	32,513	42,719	39,768	36,824	34,189	31,871
Expenditures										
O&M	7,297	6,049	13,665	11,952	2,500	14,000	14,280	14,566	14,857	15,154
Other - GF Transf	373	457	608	1,156	1,168	1,179	1,191	1,203	1,215	1,227
Transf. to DS	1,055	1,033	1,831	6,924	15,313	17,542	17,839	17,839	17,839	17,840
Transf. to Cap.	5,520	6,400	6,105	12,000						
Total	14,245	13,939	22,209	32,032	18,981	32,721	33,310	33,607	33,911	34,221
Resources over Exp	4,491	6,963	7,878	3,899	13,533	9,998	6,459	3,217	279	(2,350)
Rate Increases	4.50%	4.50%	4.50%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011

Legislation

- 14 -



[+Bracketed Material+] - New
[-Bracketed Material-] - Deletion

SPONSORED BY:

**APPROPRIATING FUNDS FOR OPERATING THE ALBUQUERQUE BERNALILLO
COUNTY WATER UTILITY AUTHORITY FOR THE FISCAL YEAR BEGINNING JULY
1, 2004 AND ENDING JUNE 30, 2005.**

WHEREAS, the budget is governed by the requirements established under a Memorandum of Understanding between the City of Albuquerque, County of Bernalillo and the Albuquerque Bernalillo County Water Utility Authority entered into in January 2004; and

WHEREAS, the Albuquerque Bernalillo County Water Utility Authority requires that the Executive Director of the Water Authority work in conjunction with the Utility in formulating the annual operating budget for the operations of the Utility; and

WHEREAS, the budget formulated by the Albuquerque Bernalillo County Water Utility Authority in conjunction with the Utility has been received by the Board and has deliberated on it and provided public notice and input; and

BE IT RESOLVED BY THE AUTHORITY:

Section 1. The adopted 2002-2006 Vision Statement, Five Year Goals and Desired Community Conditions provided the basis for the preparation of this budget. Priority Objectives for FY 2005 were established and are supported by FY 2005 Performance Plan.

Section 2. That the following amounts are hereby appropriated to the following program strategies for operating The Albuquerque Bernalillo County Water Utility Authority during Fiscal Year 2005 :

1 **GOAL 3 - PUBLIC INFRASTRUCTURE** - Ensure that all existing communities are
 2 adequately and efficiently served with well-planned, coordinated, and maintained
 3 sewer, storm, water and road systems and an integrated multi-modal regional
 4 transportation system.

5
6

7 **JOINT WATER AND SEWER OPERATING FUND – 621**

8

9 (Water Authority) 673,000

10 (Low Income Utility Credit) 250,000

11 (Customer Services) To accurately bill city water and wastewater

12 customers. The Customer Services program in coordination with the Water
 13 Authority shall investigate resources including outside contracting of services
 14 that will enhance the collection of accounts receivable including bad debt and
 15 bad check collections.

16 3,608,000

17 (Finance) Provide strategic support for the fiscal management of the Public
 18 Works Department. 5,559,000

19 (Information Systems) Provide information technology services department
 20 wide. 1,590,000

21 (San Juan/Chama) Obtaining securing and supplementing the City's
 22 water supply. 2,237,000

23 (Strategic Support) Provide support to water and wastewater utility
 24 operations. 1,337,000

25 (Utility Development) Maintain utility system integrity through water and
 26 wastewater line rehabilitation and to expand water and wastewater service to
 27 unserved areas with water wells and septic tanks. 878,000

28 (Wastewater Collection) Provide sewer line cleaning, maintenance, and
 29 repair to assure that wastewater is delivered for treatment without hazard or
 30 nuisance. 4,525,000

31 (Wastewater Pretreatment/Laboratory) Control the discharge of unwanted
 32 wastes into the wastewater collection system. 3,270,000

33 (Wastewater Treatment) Provide wastewater treatment for reuse or

1	disposal.	10,751,000
2	(Water Plant Facility Production)	10,513,000
3	(Water Plant Facility Distribution)	9,547,000
4	(Water Distribution Facilitation)	3,841,000
5	Transfers to Other Funds:	
6	General Fund (110)	6,533,000
7	Joint Water and Sewer Rehab (628)	5,000,000
8	Joint Water and Sewer Capital (629)	1,000,000
9	Joint Water and Sewer Bond Debt Service (631)	40,954,000
10		
11	<u>SUSTAINABLE WATER SUPPLY FUND – 622</u>	
12	(North – I-25 Reuse)	369,000
13	(Sustainable Water Supply) Provide an adequate sustainable water supply	
14	through conservation, surface water development, reuse, and creation of an	
15	aquifer drought reserve.	11,585,000
16	Transfers to Other Funds:	
17	General Fund (110)	1,156,000
18	Joint Water and Sewer Capital (629)	12,000,000
19	Joint Water and Sewer Debt Service (631)	8,611,000
20	<u>JOINT WATER AND SEWER REVENUE BOND DEBT SERVICE FUND – 631</u>	
21	(Debt Service) Provide appropriate reserves and adequate payments	
22	to insure the City's financial health and maintain an excellent bond	
23	rating.	56,122,000
24	Transfer to Other Funds:	
25	Joint Water and Sewer Capital Fund (629)	12,000,000
26		
27	<u>GOAL 5 - ENVIRONMENTAL PROTECTION AND ENHANCEMENT</u> – Protect and	
28	enhance Albuquerque's places and natural environment –its mountains, river,	
29	bosque, volcanoes, arroyos, clean air and underground water supply.	
30		
31	<u>JOINT WATER AND SEWER OPERATING FUND – 621</u>	
32	(Water Resources) Provide an adequate sustainable water supply through	

[+Bracketed Material+] - New
[-Bracketed Material-] - Deletion

1	conservation, surface water development, reuse, and creation of an aquifer	
2	drought reserve.	3,123,000
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

RESOLUTION NO. R-04-7

SPONSORED BY:

1 RESOLUTION
2 AMENDING THE ADOPTED CAPITAL IMPLEMENTATION PROGRAM FOR THE
3 WATER AND SEWER ENTERPRISE FUND BY SUPPLEMENTING CURRENT
4 APPROPRIATIONS.

5 WHEREAS, the Capital Implementation Program is governed by the
6 requirements established under a Memorandum of Understanding between the
7 City of Albuquerque, Bernalillo County and the Albuquerque Bernalillo County
8 Water Utility Authority entered into in January 2004; and

9 WHEREAS, it is a requirement to consider in one resolution, separate from
10 the Budget Resolution, the Water and Sewer CIP appropriations with the
11 corresponding impacts on rates; and

12 WHEREAS, the appropriation of these funds to projects within the
13 respective purposes are timely and necessary for the Albuquerque Bernalillo
14 County Water Utility Authority to serve its customers.

15 BE IT RESOLVED BY THE AUTHORITY:

16 Section 1. That the appropriations for the projects as stated below are
17 hereby made and/or changed and that decreases in interest/contingency for
18 activities/projects are transfers of revenues to the specific projects as indicated.

19 <u>Purpose</u>	20 <u>Source</u>	21 Increase (Decrease)
22 Public Works / Treatment Plant		
23 Fund 623 Interest	Transfer from Fund 623	(34,427)
24 Fund 623 Contingency	Transfer from Fund 623	(171,281)
25 Public Works / Valley Projects		
26 Mountainview Waterline Extension	State Grant	(57,835)
	Revenue Bonds	(7,524)

1	North Valley Water/Wastewater '94	Revenue Bonds	(134,499)
2	South Valley Water/Wastewater '94	Revenue Bonds	(39,379)
3	Line Connections	Revenue Bonds	2,000,000
4	The name of the project is hereby changed to Low Income Utility Connection		
5	Assistance.		
6	The amount of \$792,819.01 of the \$6,800,000 for the Valley Utilities Project, is		
7	hereby allocated for reimbursement of the balance owed Bernalillo County under		
8	the terms of a JPA entitled "East Mountainview Water System" subject to the		
9	condition that these funds be used by Bernalillo County for the Valley Utilities		
10	Project. This reimbursement fully completes the terms and conditions of the East		
11	Mountainview Water System JPA.		
12	Valley Utilities Project	Transfer from Fund 631	6,800,000
13		Revenue Bonds	7,524
14		Revenue Bonds	134,499
15		Revenue Bonds	39,379
16	Public Works / Joint Water & Sewer		
17	Water Masterplan Line Extension	Transfer from Fund 631	402,147
18	MIS Development	Interest from Fund 629	975,558
19		Revenue Bonds	1,024,442
20	Water System Metering	Transfer from Fund 631	1,000,000
21	MDC Water Supply Facilities	Transfer from Fund 631	300,000
22	San Juan Chama WTP	NMFA Loan	100,000,000
23		Revenue Bonds	166,000,000
24		Transfer from Fund 622	12,000,000
25	Funding shall be secured through a combination of loan and/or revenue bond		
26	debt instruments, as determined to provide the best and most economical		
27	financing sufficient for meeting the annual expenditure requirements for project		
28	design and construction.		
29	Westland 3W/4W Reservoir	Transfer from Fund 631	1,000,000
30	and Pump Station		
31	The project description attached hereto may only be amended as provided		
32	by Section 2-12-4 ROA, 1994.		
33	Sewer Masterplan Line Extension	Transfer from Fund 631	200,000

[+Bracketed Material+] - New
[-Bracketed Material-] - Deletion

1	Volcano Reservoir No. 2	Transfer from Fund 631	600,000
2	Water Vehicles Replacement	Transfer from Fund 621	500,000
3	Wastewater Vehicles Replacement	Transfer from Fund 621	500,000
4	Municipal Effluent Reuse System	Revenue Bonds	16,000,000

5 The project description attached hereto may only be amended as provided
6 by Section 2-12-4 ROA, 1994.

7 **Public Works / Joint Water and Sewer Rehabilitation**

8	Public Works Water Rehab	Transfer from Fund 621	1,000,000
9	Large Valve Replacement	Transfer from Fund 621	500,000
10	Water Line Replacement	Transfer from Fund 621	1,200,000
11		Revenue Bonds	3,000,000
12	Water Facility Renovation	Revenue Bonds	600,000
13	Meter Box Replacement	Transfer from Fund 621	500,000
14	Duranes Pump Station Replacement	Interest Fund 623	34,427
15		Contingency Fund 623	171,281
16	SCADA System Replacement	Revenue Bonds	800,000
17	Unaccounted Water Reduction	Transfer from Fund 621	300,000
18	Public Works Sewer Rehab	Transfer from Fund 621	1,000,000
19	Sewer Line Replacement	Transfer from Fund 621	500,000
20	Interceptor Sewer Rehabilitation	Revenue Bonds	7,200,000
21	Bond Issue Expense	Revenue Bonds	24,887
22	AMR Meter Rehabilitation	Revenue Bonds	2,000,000
23	Leak Detection Program	Revenue Bonds	4,200,000

24 The project description attached hereto may only be amended as provided
25 by Section 2-12-4 ROA, 1994.

26
27
28
29
30
31
32

Proposed Priority Objectives & Performance Plan

- 26 -



Adopted 2002-2006 Vision Statement, Five Year Goals, and Desired Community Conditions

Vision Statement:

Albuquerque is a thriving high desert community of distinctive cultures coming together to create a sustainable future.

GOAL AREA GOAL STATEMENT	DESIRED COMMUNITY or CUSTOMER CONDITIONS
<p>Human and Family Development</p> <p><i>People of all ages have the opportunity to participate in the community and economy and are well sheltered, safe, healthy, and educated.</i></p>	<ol style="list-style-type: none"> 1. Residents are literate and educated and engaged in the educational processes. 2. All levels of government, educational institutions, and the community collaborate to ensure that youth achieve desired educational outcomes. 3. Residents are healthy and have access to health care, mental health care, and recreation. 4. Safe, decent and affordable housing is available. 5. The community collaborates to support the responsible social development of youth. 6. Families are healthy and stable. 7. Senior citizens live and function in optimal environments.
<p>Public Safety</p> <p><i>Citizens are safe, feel safe and secure, and have trust and shared responsibility for maintaining a safe environment.</i></p>	<ol style="list-style-type: none"> 1. Residents feel safe in their neighborhoods, schools, and the community. 2. Residents are safe from crimes against persons and property. 3. Drivers, cyclists, and pedestrians operate knowledgeably, safely, and courteously, so that travel on city streets is safe. 4. Residents, including youth, and public safety agencies work together to prevent crime and respond to life safety issues in order to create a safe community. 5. Domestic animals are responsibly cared for and provided safe and healthy home environments. 6. The community is prepared to respond to emergencies, natural disasters, catastrophic acts and other events that threaten the health and safety of the public.
<p>Public Infrastructure</p> <p><i>Ensure that all existing communities are adequately and efficiently served with well planned, coordinated, and maintained sewer, storm, water and road systems and an integrated multi-modal regional transportation system. Ensure that new development is efficiently integrated into existing infrastructures and that the costs are balanced with the revenues generated.</i></p>	<ol style="list-style-type: none"> 1. A reliable water system meets health and safety standards 2. Wastewater systems meet quality standards. 3. The storm water systems protect lives and property. 4. Technological infrastructure, is accessible to all. 5. Residents have safe and affordable transportation options that meet the public's needs. 6. The street system is well designed and maintained.
<p>Sustainable Community Development</p> <p><i>Guide growth to protect the environment and the community's economic vitality and create a variety of livable, sustainable communities throughout Albuquerque.</i></p>	<ol style="list-style-type: none"> 1. Parks, open space, recreation facilities, and public trails are available, accessible, and strategically located, designed and maintained. 2. Neighborhoods with civic and commercial destinations within walking distance are an available choice. 3. Medium to high-density neighborhoods that contribute to a more compact urban form are an available choice. 4. The downtown area is vital, active, safe, and accessible.

<p style="text-align: center;">Environmental Protection and Enhancement</p> <p><i>Protect and enhance Albuquerque's places and natural environment — its mountains, river, Bosque, volcanoes, arroyos, clean air and underground water supply.</i></p>	<ol style="list-style-type: none"> 1. Air, land, and water systems protect health and safety. 2. Water resources are sustainably managed, conserved & protected to provide a long term supply & drought reserve. 3. Solid wastes are produced no faster than natural systems and technology can process them. 4. Open Space, Bosque, the River and Mountains are preserved and protected. 5. Residents participate in caring for the environment and conserving natural resources.
<p style="text-align: center;">Economic Vitality</p> <p><i>Achieve a vital, diverse, and sustainable economy in which businesses and residents have opportunities for success.</i></p>	<ol style="list-style-type: none"> 1. The economy is diverse and broad-based. 2. The economy is vital, prosperous and consistent with local and regional resources. 3. There are abundant, competitive career oriented employment opportunities.
<p style="text-align: center;">Community and Cultural Engagement</p> <p><i>Residents are fully and effectively engaged in the life and decisions of the community to:</i></p> <ul style="list-style-type: none"> • promote and enhance our pride, cultural values and resources; and, • ensure that Albuquerque's community institutions are effective, accountable and responsive. 	<ol style="list-style-type: none"> 1. Residents are active participants in civic and public affairs. 2. Residents participate in community organizations and sporting and cultural events. 3. Residents are well informed of current community conditions. 4. Residents appreciate, foster, and respect Albuquerque's arts and cultures.
<p style="text-align: center;">Governmental Excellence and Effectiveness</p> <p><i>Government is ethical and accountable; every element of government contributes effectively to meeting public needs.</i></p>	<p>ELECTED AND APPOINTED OFFICIALS</p> <ol style="list-style-type: none"> 1. Leaders work together for the good of the community. 2. Leaders cooperate and coordinate with the other governments in the MRCOG region. 3. Government and its leaders are responsive to changing community and customer conditions. <p>ALL LEVELS OF GOVERNMENT</p> <ol style="list-style-type: none"> 4. Customers conveniently access city services and officials. 5. Customers can participate in their government by accessing information about services, policies, community conditions, regulations, etc. <p>INTERNAL SERVICES</p> <ol style="list-style-type: none"> 6. Financial assets are maximized and protected, and analyzed and reported accurately, understandably, and usefully. 7. City assets are protected while responding fairly to inappropriate City actions. 8. Products, services, and materials are obtained efficiently, fairly, and in a timely manner. 9. City services, operations, and finances are measured and audited, as needed, and meet customer needs. 10. Competent, well-trained motivated employees contribute to the achievement of City goals and objectives. 11. The work environment for employees is healthy, safe and productive. 12. City staff is empowered with information and have information processing capacity. 13. Rights of way are obtained and managed and their use maximized for the public's benefit with fair compensation for use. 14. City real property is effectively obtained and managed in the public's interests, & disposed of when public purpose has changed. 15. City fixed assets, property, and infrastructure meet City goals and objectives.

Albuquerque Bernalillo County Water Utility Authority

FY05 PRIORITY OBJECTIVES

NEW PRIORITY OBJECTIVES FOR FY05 **GOAL 3: PUBLIC INFRASTRUCTURE GOAL**

PROGRAM STRATEGY: Customer Services 59530

STRATEGY: To accurately bill city water and wastewater customers.

OBJECTIVE:

1. Provide a full staff of 25 Water Representatives to avoid the practice of estimating meter readings.
2. Develop a multi-year plan for implementing AMR technology, including future maintenance and staffing requirements, and report by the end of FY05.
3. Develop a process and procedure to recognize and manage more efficiently potential problem A/R accounts by making one to one contact at the earliest indication of a problem; thus allowing for sustainable agreements that continue revenue flow to the utility.
4. Provide expert assistance to the utility on issues involving the AMR project including but not limited to the areas of , training of staff, trouble shooting hardware and software, installation issues, reading issues and data entry billing concerns.

PROGRAM STRATEGY: Sustainable Water 59545

STRATEGY: Plan, provide, protect and maintain adequate and sustainable water.

OBJECTIVE:

1. Drinking Water Project - Advertise and begin construction of the facilities for diversion of City San Juan-Chama water. Construction will continue through FY06.
2. Southside Water Reclamation Project - Complete construction and begin operation of the project.
3. Shallow Ground Water Project - Advertise and begin design of shallow ground water project to transition to utilization of shallow ground water for irrigation and industrial use in the central metropolitan area.

PROGRAM STRATEGY: Water Plant Facility Operations 59561

STRATEGY: Water Plant Facility Operations

OBJECTIVE:

1. Well Field Blending - modify water system layout and operation to assure compliance with Federal and State arsenic regulations and position the Utility to be eligible for exemption. This is a component of the Sustainable Water Supply Program.

2. Disseminate Maximo Capabilities - complete the establishment of the maintenance management system for the utility with Citywide access. Completion of this project will allow CRM 311 operators to directly access utility work status.

3. Valve Recovery - locate 1,200 water system valves that are not accessible and restore their access.

4. Water Line Leak Detection - electronically monitor 250 miles of water lines (approximately 10 percent of the system) to identify the location of small leaks that can be repaired before they become major breaks.

5. Customer Responsiveness - operate and maintain the new additions to the water system to provide the same level of service to new customers as to existing customers.

This objective provides personnel, power, and materials for operation and maintenance of the expanded water system including such things as: new water system for the Metropolitan Detention Center, College 3/4W, SAD227, Double Eagle (Eclipse), and the expanded North I-25 nonpotable systems. Increase line spotting in response to expanded State/Federal regulations.

GOAL 5: ENVIRONMENTAL PROTECTION AND ENHANCEMENT

PROGRAM STRATEGY: Water Resources 59533

STRATEGY: Provide an adequate sustainable water supply through conservation, surface water development, reuse, and creation of an aquifer drought reserve.

OBJECTIVE:

1. Water Conservation - Begin implementation of new 10% reduction goal including 1% reduction in overall use to achieve 150 gpcd by 2014.

2. Water Waste - Improve water waste enforcement by doubling water waste fines and increasing enforcement capabilities.

3. Arsenic - Begin operation of pilot arsenic demonstration project and set aside areas for testing new treatment technologies.

4. Bosque and Rio Grande - Advertise and negotiate contract for design and NEPA compliance for implementation of mitigation activities for the Drinking Water Project.

FY04 PRIORITY OBJECTIVES TO BE CARRIED OVER TO FY05

GOAL 3: PUBLIC INFRASTRUCTURE GOAL

PROGRAM STRATEGY: Wastewater Treatment 59502

STRATEGY: Protect public health and the environment by complying with National Pollution Discharge Elimination System (NPDES) permit requirements.

OBJECTIVE:

1. Achieve and maintain compliance with National Pollution Discharge Elimination System (NPDES) permit requirements. Negotiate a new permit with the EPA Region six representatives.

2. Revise the draft Wastewater Master Plan to include satellite treatment and reuse facilities, and present for approval by the end of FY05.

PROGRAM STRATEGY: Wastewater Collection 59505

STRATEGY: Provide sewer line cleaning, maintenance, and repair to assure that wastewater is delivered for treatment without hazard or nuisance.

OBJECTIVE: Continue the previous five-year program of sewer line blockage reduction. The new objective for FY05 is 280 blockages or less. Reaching this objective will result in a total reduction of 33 percent from the average 420 blockages per year from FY94 through FY98.

PROGRAM STRATEGY: Finance 59511

STRATEGY: Provide strategic support for the fiscal management of the PWD.

OBJECTIVE:

1. Expend \$11 million each in water and wastewater capital rehab programs.
2. Fund 50 percent of the normal capital program with current rate revenue.

PROGRAM STRATEGY: Information Systems 59527

STRATEGY: Provide information technology services Utility wide.

OBJECTIVE:

1. Department-wide migration to web-based technologies. In an effort to reduce individual hardware and software costs, the use of web-based technologies will be implemented whenever possible in future projects.
2. Department IT Disaster Recovery Plan. Develop and implement a department-wide IT disaster recovery plan to insure automation services are available after defined disasters. Prepare a report by February 2005.

PROGRAM STRATEGY: Customer Services 59530

STRATEGY: To accurately and efficiently bill City water, wastewater and refuse customers.

OBJECTIVE: Convert to the new CIS billing system by the 3rd quarter of FY05.

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: WASTEWATER TREATMENT

59502

Provide wastewater treatment for reuse or disposal.

Service Activities

Wastewater Treatment

Desired Community Condition

Wastewater systems meet quality standards.

Strategy Purpose and Description

Wastewater treatment serves customers connected to the collection system and those transporting wastewater to the treatment plant while being a good neighbor to those living nearby. The proper operation and maintenance provided protects the public health and the environment of the customers as well as others living in the region and particularly those living downstream of the treatment plant. Beneficial reuse of waste and energy removed contributes to a sustainable environment. Beneficial reuse of effluent reduces aquifer drawdown.

This is accomplished by:

- Removing the waste and energy from the water for beneficial reuse or proper disposal
- Discharging or reusing the remaining water in full compliance with all regulations and environmental concerns
- Minimizing odors

Changes and Key Initiatives

The current NPDES permit has been administratively extended. This summer's drought and resulting low flow in the Rio Grande tightened our permit requirements. These stringent discharge requirements resulted in higher costs due to such factors as increased chemicals, energy, and treatment requirements. These have been offset by the re-engineering efforts of the Division.

The New Mexico Environment Department is developing Total Daily Maximum Loads for the Rio Grande. This process distributes allowable discharges of pollutants to the Rio Grande by the various dischargers such as by the Southside Water Reclamation Plant. The Division is working closely with our current EPA permit writer on a new permit.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	10,442
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	11,244
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	11,841
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	10,650
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	10,650

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Protect public health and the environment by complying with National Pollution Discharge Elimination System (NPDES) permit requirements.	Percent Permit Compliance with NPDES permit The NPDES permit is designed to protect public health and the environment.	2001			99.8%	
		2002	99.5%		99.4%	

2003	99.5%	95.9%	Through the second quarter there were 8 violations out of 695 possible violations. The rate was 98.8%
2004	99.8%	99.9%	
2005	99.8%		

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Be a good neighbor. Implement the FY2002 recommendations of the Odor Control Program Report completed in October, 2000. This includes Installation of a PTF and DAF chemical scrubber system, primary clarifier biofilter improvements, and dewatering building packed tower biofilter system and ventilation modifications at the Southside Water Reclamation Plant and the installation of a wet scrubber at Vacuum Station 63.	<i>Documented Plant Odor complaints received by the Control Room. This is a response to customer concerns about odor near the plant. Successful completion of this work should result in fewer customer complaints</i>	2001			10	

Be a good neighbor. Implement the FY2002 recommendations of the Odor Control Program Report completed in October, 2000. This includes installation of a PTF scrubber system, primary clarifier biofilter improvements, and dewatering building packed tower biofilter system and ventilation modifications at the Southside Water Reclamation Plant and the installation of a wet scrubber at Vacuum Station 63.	2002	8	6
Be a good neighbor. Implement the FY2002 recommendations of the Odor Control Program Report completed in October, 2000. This includes Installation of a PTF and DAF chemical scrubber system, primary clarifier biofilter improvements, sludge blending activated carbon system, dewatering building packed tower biofilter system and ventilation modifications at the Southside Water Reclamation Plant and the installation of an additional biofilter at Vacuum Station 63.	2003	6	3

2004 3 2

2005 3

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Beneficially reuse waste removed from wastewater. Maintain biosolids compost production at or above 15,000 tons per year and increase green waste compost production to 1,500 tons in FY-02 by expanding the interdepartmental program for marketing municipal compost at competitive prices. Fully implement a biosolid-assisted sustainable grazing public-private partnership based on the methods and techniques developed in FY2001. Terminate surface disposal of biosolids	<i>Percent of Municipal Biosolids Beneficially Reused</i> <i>This is a measure of the beneficial reuse of biosolids and cooperative efforts with the Solid Waste Department to divert materials from the landfill. The initiation of the grazing partnership will make 100% beneficial reuse attainable.</i>	2001			15%	
		2002	88.3%		54%	
		2003	97.7%		93%	<i>Note see Pretreatment program strategy for FY04 data</i>

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Reduce by utilizing recycled effluent in lieu of drinking water	<i>Percent of total water usage supplied by recycled effluent Water utilized in treatment process exceeds 1 million gallons per day. Use of recycled effluent minimizes impact on aquifer.</i>	2001			94.2%	<i>Reduce aquifer drawdown by...</i>
		2002	94.2%		96.3%	

Reduce aquifer drawdown by utilizing recycled effluent in lieu of drinking water	<i>Percent of total water usage supplied by recycled effluent Water utilized in treatment process exceeds 1 million gallons per day. Use of recycled effluent minimizes impact on aquifer.</i>	2003	96.3%		98.4%
		2004	97%	98.2%	
		2005	97%		

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Maximize utilization of energy removed from waste.	<i>Number of water waste inspections</i>	2001			93.2%	
		2002	99.7%		99.5%	
	<i>Percent of methane gas produced that is utilized. Methane Gas produced by treatment process is used to fuel generators to produce heat and electricity for the treatment process. Excess or poor quality gas is wasted by burning.</i>	2003	97%		99.8%	
		2004	100%	98%		
		2005	100%			

Priority Objectives

Fiscal Year Priority Objectives

2005 OBJECTIVE 13. Revise the draft Wastewater Master Plan to include recommendations for future siting of effluent reuse satellite treatment facilities, and submit to the Mayor and City Council for approval by the end

of FY/04.

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: WASTEWATER TREATMENT
Department: PUBLIC WORKS

Service Activity: Wastewater Treatment

5921000

Service Activity Purpose and Description

Wastewater treatment serves customers connected to the collection system and those transporting wastewater to the treatment plant while being a good neighbor to those living nearby. The proper operation and maintenance provided protects the public health and the environment of the customers as well as others living in the region and particularly those living downstream of the treatment plant. Beneficial reuse of waste and energy removed contributes to a sustainable environment. Beneficial reuse of effluent reduces aquifer drawdown.

This is accomplished by:

- Removing the waste and energy from the water for beneficial reuse or proper disposal
- Discharging or reusing the remaining water in full compliance with all regulations and environmental concerns
- Minimizing odors

Changes and Key Initiatives

The current NPDES permit has been administratively extended. This summers drought and resulting low flow in the Rio Grande tightened our permit requirements. These stringent discharge requirements resulted in higher costs due to such factors as increased chemicals, energy, and treatment requirements. These have been offset by the re-engineering efforts of the Division.

The New Mexico Environment Department is developing Total Daily Maximum Loads for the Rio Grande. This process distributes allowable discharges of the pollutants to the Rio Grande by the various dischargers such as by the Southside Water Reclamation Plant. The Division is working closely with our current EPA permit writer on a new permit.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	11,244
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	11,841
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	10,650
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	10,650

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Cogeneration % of generating capacity utilized	2001	92%			
	2002	NA			
Cogeneration % of generating capacity utilized	2003	NA		97.3%	
	2004	NA	97%		
	2005	97%			<i>This will be determined by negotiating an agreement with PNM.</i>

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Cogeneration (Megawatt hours of electricity generated)	2001	18,300			
	2002	19,200			
	2003	NA		48,145	
Cogeneration (Megawatt hours of electricity generated)	2004	NA	24,015		
	2005	24,015			<i>This will be determined upon negotiating an agreement with PNM.</i>

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Cogeneration (Megawatt hours of electricity purchased)	2001	17,616			
	2002	14,800			
Cogeneration (Megawatt hours of electricity purchased)	2003	NA		7,068	
	2004	NA	723		
	2005	723			<i>This will be determined upon negotiating an agreement with PNM.</i>

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Plant Maintenance - Corrective work orders	2001	1,650			
	2002	1,600			
Plant Maintenance - Corrective work orders	2003	1,800		1,557	
	2004	1,600	631		
	2005	631			<i>Maximo implementation will all us to focus on preventative maintenance</i>

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Plant Maintenance - Preventive work orders	2001	788			
	2002	850			
Plant Maintenance - Preventive work orders	2003	1,200		840	
	2004	1,400	519		
	2005	519			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Plant Operations - Biosolids Produced (wet tons), Process modifications and digester cleaning have resulted in increased solids reduction in the overall treatment process and lesser amounts taken to the SAF	2001	76,000			
	2002	70,000			
	2003	74,000		82,800	
	2004	76,000	39,255		
	2005	76,000			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Plant Operations - Wastewater Treated (MGD)	2001	56.2			
	2002	53.6			
Plant Operations - Wastewater Treated (MGD)	2003	54.0		52.9	
	2004	56	52.4		
	2005	56			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Cogeneration - Operated and maintain the plant Cogeneration system to maximize the output of self-generated electricity vs. purchased power	2001	51%			
	2002	56%			
	2003	75%		78.7%	
	2004	100%	97%		
Cogeneration - Operated and maintain the plant Cogeneration system to maximize the output of self-generated electricity vs. purchased power	2005	97.08%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Effluent Reuse - Percent of Water Use supplied by recycled effluent	2001	94,2%			
	2002	94.2%			
	2003	96.3%		98.4%	
Effluent Reuse - Percent of Water Use supplied by recycled effluent	2004	97%	98.2%		
	2005	97%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Energy Utilization - Percent of Methane gas produced that is utilized	2001	93.2%			
	2002	99.7%			
	2003	97%		99.8%	
	2004	100%	98%		
Energy Utilization - Percent of Methane gas produced that is utilized	2005	98%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Engineering - Facility planning and design is accomplished on a timely basis and construction is completed on schedule	2001	sat			
	2002	sat			

	2003	sat	Satisfactory
	2004	sat	Satisfactory
Eengineering - Facility planning and design is accomplished on a timely basis and construction is completed on schedule	2005	Satisfactory	

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Good Neighbor - Documented Plant Odor complaints received by the Control Room	2001	10			
	2002	10			
	2003	6		2	
	2004	3	2		
Good Neighbor - Documented Plant Odor complaints received by the Control Room	2005	3			<i>Calls to the Control Room have dropped off, however, the Neighborhood Association has been informed of the Odor Control Project and may be holding complaints pending project completion.</i>

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Plant Maintenance - % of preventive work orders at the S.W.R.P.	2001	32%			
	2002	32%			
	2003	50%		34%	
Plant Maintenance - % of preventive work orders at the S.W.R.P.	2004	65%	45%		
	2005	45%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Plant Performance - % Compliance with NPDES Permit	2001	99.8%			
	2002	99.5%			
	2003	99.5%		95.9%	
	2004	100%	99.8%		
Plant Performance - % Compliance with NPDES Permit	2005	100%			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Engineering - CIP Cash Flow for rehabilitation	2001	.			
	2002	.			
	2003	8,750,000		5,715,982	
Engineering - CIP Cash Flow for rehabilitation	2004	11,000,000	2,836,918		
	2005	2,833,918			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Plant Operations - NPDES Violations	2001	99.8%			
	2002	99.5%			
	2003	99.5%		98.9%	
	2004	100%	99.8%		
	2005	100%			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: WASTEWATER PRETREATMENT

59504

Control the discharge of unwanted wastes into the wastewater collection system.

Service Activities

Wastewater Laboratory

Wastewater Pretreatment

Solids Disposal

Wastewater Pretreatment

Desired Community Condition

Wastewater systems meet quality standards.

Strategy Purpose and Description

Assure that wastes are not discharged to the Collection System that:

1. will interfere with the biological treatment process
2. pass through the treatment process undiminished in quantities sufficient to violate the NPDES permit
3. cause harm to wastewater workers, or
4. cause harm to the collection system.

Regulatory Program is mandated by EPA but emphasis is placed upon achieving voluntary compliance, which is more cost effective for everyone concerned.

Changes and Key Initiatives

When enabling Federal regulations are promulgated, complete the six goals established in the agreement with EPA for the first year of the Excellence in Leadership Program.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	2,160
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	2,321
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	2,156
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	3,165
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	3,165

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Assure that sewer discharges do not adversely affect the City's biological treatment process and maintain compliance with EPA discharge permit requirements.	OCCURRENCES <i>Some non-domestic wastes can disrupt the biological process and/or may not be amenable to biological treatment.</i>	2001			None	

2002	None	None
2003	None	None
2004	None	None
2005	None	

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Emphasize more cost effective voluntary compliance	<i>Goals Completed The Excellence in Leadership Project will provide enabling regulations to shift resources from regulatory to more cost effective voluntary program.</i>	2001			N/A	
Complete the six goals established in the agreement with EPA for the first year of the Excellence in Leadership Project. (1) Perform 100 pollution prevention and certification surveys to promote continued implementation at businesses (2) Develop four new targeted business specific and/or residential P2 Program educational outreach materials and methods (3) Initiate two targeted P2 Workshops for businesses (4) Perform twenty-five stormwater pollution prevention plan surveys at businesses during routine P2 surveys (5) participate in six jointly sponsored coordination conferences and meetings (city and state pollution prevention initiatives) with local stakeholders (6) Respond to 100 requests for information from the community about pollution prevention.						

	2002	6	6
Emphasize more cost effective voluntary compliance	2003	6	6
Complete the six goals established in the agreement with EPA for the first year of the Excellence in Leadership Project. (1) Perform 100 pollution prevention and certification surveys to promote continued implementation at businesses (2) Develop four new targeted business specific and/or residential P2 Program educational outreach materials and methods (3) Initiate two targeted P2 Workshops for businesses (4) Perform twenty-five stormwater pollution prevention plan surveys at businesses during routine P2 surveys (5) participate in six jointly sponsored coordination conferences and meetings (city and state pollution prevention initiatives) with local stakeholders (6) Respond to 100 requests for information from the community about pollution prevention.			
	2004	6	3
	2005	6	

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Protect City workers and the wastewater collection/treatment system from dangerous/hazardous spills and discharges.	OCCURRENCES <i>Some wastes are toxic or flammable or otherwise hazardous.</i>	2001			None	
		2002	None		None	
	OCCURRENCES <i>Some wastes are toxic, flammable, or otherwise hazardous.</i>	2003	None		None	
		2004	None	None		
		2005	None			

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Assure that sewer discharges do not adversely affect the City's reclaimed biosolids for reuse purposes.	MEASURED EFFECTS <i>Some wastes are removed physically with the biosolids but remain toxic</i>	2001			None	No adverse Effects
		2002	No adverse		None	No adverse Effects
		2003	No adverse		None	No adverse Effects
		2004	No adverse	No adverse		No adverse Effects

2005 No adverse

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Beneficially reuse waste removed from wastewater. Maintain biosolids compost production at or above 15,000 tons per year and increase green waste compost production to 1,500 tons in FY-02 by expanding the interdepartmental program for marketing municipal compost at competitive prices. Fully implement a biosolid-assisted sustainable grazing public-private partnership based on the methods and techniques developed in FY2001. Terminate surface disposal of biosolids.	<i>Percent of Municipal Biosolids Beneficially Reused. This is a measure of the beneficial reuse of biosolids and cooperative efforts with the Solid Waste Department to divert materials from the landfill. The initiation of the grazing partnership will make 100% beneficial reuse attainable.</i>	2004	98%	74%		
		2005	98%			

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Numerous City departments require analytical laboratory support to meet operational and regulatory requirements. The Wastewater Laboratory provides this support by accurately and economically performing approved analytical procedures and reporting analytical results in a precise and unbiased manner.	<i>Clients are confident in using analytical data to control processes and to comply with regulatory requirements for their various programs, resulting in fewer client inquiries or complaints.</i>	2005	95%			

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: WASTEWATER PRETREATMENT
Department: PUBLIC WORKS

Service Activity: Wastewater Laboratory

5925000

Service Activity Purpose and Description

..

Changes and Key Initiatives

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	1,410
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	1,418
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	1,377
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	1,377

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Annual total analyses	2001	73,465			
	2002	69,200			
	2003	80,000		79,555	
	2004	85,000	33,791		
Annual total analyses	2005	85,000			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Non-PWD Costs Invoiced	2003	\$70,000		\$96,265	
	2004	\$200,000	\$119,088		
Non-PWD Costs Invoiced	2005	\$110,000			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Average score on EPA Required Performance Evaluation Samples	2001	93.8%			
	2002	93.1%			
	2003	95%		92.6%	
	2004	95%	97.9%		
Average score on EPA Required Performance Evaluation Samples	2005	95%			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Average cost per test	2001	\$17.10			
	2002	\$18.85			
	2003	\$18.00		\$13.97	
	2004	\$18.00	\$14.04		
Average cost per test	2005	\$18.00			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Average days per test	2001	9.8			
	2002	9.7			
	2003	6		7	
	2004	7	7		
	2005	7			

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: WASTEWATER PRETREATMENT
Department: PUBLIC WORKS

Service Activity: Wastewater Pretreatment

5927000

Service Activity Purpose and Description

The Pretreatment and Pollution Prevention Program administers the Sewer Use and Wastewater Control Ordinance, industrial pretreatment program, and provides technical assistance on pollution prevention and waste minimization. Successful accomplishment of this effort enables the City to comply with the provisions of the Clean Water Act and other applicable federal and state laws and regulations to preserve the capital assets of the treatment works, to avoid tort claims and worker's compensation claims, to protect the environmental initiatives of the Wastewater Utility Division, to avoid financial losses related to environmental remediation, to avoid downgrading of water and sewer bond debt ratings, to forestall increases to water and sewer rates, and to provide for the public health and welfare by regulating the quality and quantity of wastewater discharged into the City's wastewater collection system and treatment works, and to other wise ensure protection of public health and the environment through proper disposal of wastewater and septage and other holding tank waste. The Industrial Pretreatment/Pollution Prevention Program follows prescribed monitoring requirements of the EPA. The program maintains an active list of permitted industries along with businesses under voluntary pollution prevention certifications. A growing number of businesses are cooperating with this component. In 1999, the City applied to participate in the President's Project XL (Excellence in Leadership) to demonstrate superior environmental performance via shifting of otherwise regulatory activities to more broad-based pollution prevention education approaches. In 2000, the EPA selected the City's proposal Project XL Workplan and Albuquerque was the first city of five cities in the U.S.A. to be formally accepted. EPA must promulgate federal enabling regulations for the five cities selected before any city can officially implement the pilot project; this is expected to occur sometime in Calendar Year 2001. Subsequent to this action, the authority to implement the program must be included in the City's new NPDES permit. The new permit is being drafted and the exact timing of final issuance is uncertain.

The Soils Amendment Facility is the name given to the 660-acre tract of land west of the volcanoes and adjacent to the Double Eagle II Airport, where biosolids (sludge) that have been digested and dewatered are trucked and put to beneficial reuse.

The nationally accredited Water Quality Laboratory provides analytical support by accurately and economically performing approved procedures and reporting results in a precise and unbiased manner; and by overseeing contracts with other laboratories for testing not performed in-house.

Changes and Key Initiatives

When enabling Federal regulations are promulgated, complete the six goals established in the agreement with EPA for the first year of the Excellence in Leadership Project.

Continue methods and techniques developed during FY2001 for surface application of biosolids to grazing land under the public-private partnership between the Wastewater Utility Division, Open Space Division, and Black Cattle Ranch, and terminate surface disposal of the biosolids.

*Renew laboratory accreditation through the American Association for Laboratory Accreditation

*Achieve at least 95% accuracy for all USEPA required performance evaluation samples

*Recoup testing expenses from non-Public Works Department clients

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	911
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	738
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	750
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	750

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Pollution Prevention Certificates-This is a voluntary program paralleling the XL program dealing with those discharges who fall outside of the traditional regulatory program.	2001	200			
	2002	200			
	2003	80		100	
	2004	90	47		
Pollution Prevention Certificates-This is a voluntary program paralleling the XL program dealing with those discharges who fall outside of the traditional regulatory program.	2005	90			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
# of inspections of regulated permittees*	2001	158			
	2002	158			
	2003	100		110	
# of inspections of regulated permittees*	2004	75	40		
	2005	75			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
# of active regulated permits and reports*	2001	237			
	2002	237			
	2003	300		310	
	2004	275	150		
# of active regulated permits and reports*	2005	75			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
# of samples collected for analysis*	2001	1,200			
	2002	1,200			
	2003	1,932		1,900	
	2004	2,000	1,000		
# of samples collected for analysis*	2005	2,000			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
# of Project XL permits	2001	na			
	2002	8			
	2003	61		70	
	2004	75	35		
# of Project XL permits	2005	75			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
S.A.F.- Biosolids produced (dry metric tons)	2004	8,400	See Notes		Moved to Activity 5927000 for FY2004

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
S.A.F.- Biosolids composted (dry metric tons)	2004	3,000	See Notes		Moved to Activity 5927000 FY2004

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
S.A.F. - Biosolids surface deposited (dry metric tons)	2004	500	130		

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
S.A.F.- Biosolids disposed (dry metric tons) beneficially on rangeland	2004	5,000	4,600		

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Assure that sewer discharges do not adversely affect the City's biological treatment process and maintain compliance with EPA discharge permit requirements.	2001	see notes			
	2002	see notes			
	2003	see notes		None	
	2004	See Notes	None		
Assure that sewer discharges do not adversely affect the City's biological treatment process and maintain compliance with EPA discharge permit requirements.	2005	see notes			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Assure that sewer discharges do not adversely affect the City's reclaimed biosolids for reuse purposes.	2001	see notes			
	2002	see notes			
	2003	see notes		No Adverse	
	2004	see notes	No Adverse		
Assure that sewer discharges do not adversely affect the City's reclaimed biosolids for reuse purposes.	2005	see notes			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Protect City workers and the wastewater collection/treatment system from dangerous/hazardous spills and discharges.	2001	see notes			
	2002	see notes			
	2003	see notes		None	
	2004	see notes	None		
Protect City workers and the wastewater collection/treatment system from dangerous/hazardous spills and discharges.	2005	see notes			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
S.A.F.- Maximize % beneficial reuse of biosolids	2004	90%	74%		

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: WASTEWATER PRETREATMENT
Department: PUBLIC WORKS

Service Activity: Solids Disposal

5932000

Service Activity Purpose and Description

This activity was previously included in the wastewater treatment service activity. This activity focuses on the disposing of biosolids generated in the pretreatment process.

Changes and Key Initiatives

Continue methods and techniques developed during FY2001 for surface application of biosolids to grazing land under the public-private partnership between the Wastewater Utility Division, Open Space Division, and the Black Cattle Ranch and terminate surface disposal of biosolids.

Input Measure (\$000's)

2004	621	621 JOINT WATER AND SEWER OPERATING FUND	1,038
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	1,038

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
S.A.F. - Biosolids produced (dry metric tons)	2004	15,000	6,360		
	2005	8,400			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
S.A.F. - Biosolids composted (dry metric tons)	2004	2,200	1,627		
	2005	3,000			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
S.A.F. - Biosolids surface disposed (dry metric tons)	2004	400	See Notes		Moved to Activity 5927000 FY2004
	2005	400			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
S.A.F. - Biosolids surface disposed (dry metric tons) beneficially reused on rangeland	2004	5,000	See Notes		Moved to Activity 5927000 FY2004
	2005	5,000			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
S.A.F. - Maximize % beneficial reuse of biosolids	2004	97.7%	See Notes		Moved to Activity 5927000 FY2004
	2005	98%			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy:WASTEWATER COLLECTION

59505

Provide sewer line cleaning, maintenance, and repair to assure that wastewater is delivered for treatment without hazard or nuisance.

Service Activities

Wastewater Collection

Lift Station Operations

Desired Community Condition

Wastewater systems meet quality standards.

Strategy Purpose and Description

The Collection System provides the means to move wastes from homes, businesses, and industry safely and without nuisance to the Southside Water Reclamation Plant. Wastewater collection serves customers connected to the collection system. The proper operation and maintenance provided protects the public health and the environment of the customers as well as others living in the region.

This is accomplished by:

Properly maintaining the pipes and manholes that make up the Collection System so there is no disruption to the flow that would cause backups, overflows, or interruption of service.

Controlling odors and other nuisances

Changes and Key Initiatives

none

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	3,751
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	4,258
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	4,139
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	4,400
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	4,400

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
------------------	---------	-------------	---------	----------	--------	-------

For the fourth year, reduce the number of sewer backups, manhole overflows, and property damage claims by 5% per year in order to achieve a 25% reduction over five years.

*Blockages
Per Year
This is a measure of how well wastewater is transported, and the potential for exposure of wastewater to the public and environment before treatment. The number of blockages per year can vary substantially because of weather and numerous other factors. The numbers experienced last year and this year were much below the trend we are trying to achieve. A higher number has been projected for next year to account for year to year variability. The projected number is the goal to meet the desired 25% reduction in 5 years.*

2001			273
2002	253		251
2003	336		243
2004	280	112	
2005	280		

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Continue to study and take action to mitigate odors associated with the collection system. Two specific areas will continue to be studied; one at Grecian and Guadalupe to see if successes to date can be sustained, the second on Coors below Central to determine what measure might be effective. Two new devices, vortex manholes and desilting manholes will continue to be evaluated. Larger sewers which are the source of most odors are being surveyed using newly acquired television equipment to locate physical features that indicate or contribute to odor production. Based upon success to date, continue to develop in-house interceptor cleaning capability. Two new ferrous chloride odor control stations will be constructed on the collection system.	<i>Customer complaints about Collection System odors. This is a response to customer concerns about odor near the plant and at various points in the collection system. Successful completion of this work should result in fewer customer complaints.</i>	2001			53	
		2002	16		14	
		2003	35		4	
		2004	35	25		
		2005	35			

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: WASTEWATER COLLECTION
Department: PUBLIC WORKS

Service Activity: Wastewater Collection

5926000

Service Activity Purpose and Description

The City has separate collection systems for storm water and wastewater. Wastewater Collection serves those connected to the wastewater system in the City, The Villages of Tijeras, and Los Ranchos, and portions of the County. Connections outside of the city are increasing much faster than within the City, primarily because of the extension of vacuum sewers in the north and south valley areas. These represent 15% of total connections. The Intel facility in Rio Rancho is also connected to the system via New Mexico Utilities.

Wastewater Collection is responsible for maintaining 1,594 miles of sanitary sewers. Lift Station Operations is responsible for monitoring and operations of the Storm, Sanitary Lift, and Sanitary Vacuum Stations throughout the City. This maintenance is performed in the following areas:

Preventive Maintenance: Sub-Basin ? The entire City is broken up into contributing sub-basins. These are cleaned in a continuing manner such that all 8", 10", and 12" lines are cleaned once every three to four years. Short Interval ? In addition to sub-basin cleaning, known problem areas are placed on a 4, 12, or 24-week short interval sequence in an attempt to ensure that these areas do not backup. Root Foaming ? Areas of the City with known root intrusion problems and areas that are identified by televising are treated with a foam product that kills the roots for up to three years in the sanitary sewer.

Corrective Maintenance: When users report problems in the sanitary sewer system, Wastewater Collections response is to investigate and alleviate the problem. Those problems that are determined to be within the City's portion of the collection system are cleaned and reported as sewer line blockages.

If the problem is determined to be in the user's lateral sewer, the user is informed and the problem is reported as a non-city sewer problem. Televising: Wastewater Collection has two CCTV (closed circuit televising) units that are used to inspect the interior condition of the sanitary sewer system. These inspections are utilized to evaluate concrete pipe (CP) and reinforced concrete pipe (RCP) to determine the need and priority for rehabilitation or replacement, to locate and evaluate problem areas within the system, and to determine the cause of sewer line blockages. Odor Control: Feed Ferrous Chloride for odor control in interceptors throughout the City.

Changes and Key Initiatives

EPA is proposing new regulations addressing sanitary sewer overflows that could affect strategy.

The Village of Corrales has expressed interest in connecting to the system.

A major initiative is to continue to study and take action to mitigate odors associated with the collection system. Two specific areas will continue to be studied; one at Grecian and Guadalupe to see if successes to date can be sustained, the second on Coors below Central to determine what measures might be effective. Two new devices, vortex man-holes and desilting manholes will continue to be evaluated. Larger sewers which are the source of most odors are being surveyed using newly acquired television equipment to locate physical features that indicate or contribute to odor production.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	4,258
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	4,139
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	3,969
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	3,969

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
-----------------	-------------	-----------	---------	--------	-------

Miles of sewer video inspected	2001	36			
	2002	32			
	2003	25		21	
	2004	25	10		
Miles of sewer video inspected	2005	25			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Miles of short interval cleaning	2001	145			
	2002	135			
	2003	130		107	
	2004	150	45		
Miles of short interval cleaning	2005	150			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Miles of subbasin cleaning	2001	275			
	2002	164			
	2003	186		206	
	2004	200	104		
Miles of subbasin cleaning	2005	200			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Miles of sewer foamed for root removal	2001	35			
	2002	4			
	2003	0		2	foaming replaced by root sawing
	2004	0			foaming replaced by root sawing
Miles of sewer foamed for root removal	2005	0			replaced by root sawing

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Miles of sewer sawed for root removal	2003	14		5	
	2004	6	0		Program discontinued
Miles of sewer sawed for root removal	2005	20			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Lift stations-# of pumping stations operated and maintained	2004	50	65		

Lift stations-# of pumping stations operated and maintained	2005	50
---	------	----

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
-------------------------------	---------------------------	-------------------------	-----------------------	----------------------	---------------------

Lift stations- Total pumping station electric cost is used as a measure of wastewater pumped	2004	\$320,000	\$167,267		
--	------	-----------	-----------	--	--

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
--------------------------------	---------------------------	-------------------------	-----------------------	----------------------	---------------------

% of preventative maintenance accomplished	2001	77%			
	2002	69%			
	2003	80%		82%	
	2004	80%	40%		
% of preventative maintenance accomplished	2005	80%			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
--------------------------------	---------------------------	-------------------------	-----------------------	----------------------	---------------------

Number of sewer blockages	2001	273			
	2002	253			
	2003	336		243	
	2004	223	112		
Number of sewer blockages	2005	280			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
--------------------------------	---------------------------	-------------------------	-----------------------	----------------------	---------------------

# of sewer odor complaints	2001	53			
	2002	16			
	2003	35		4	
	2004	50	25		
# of sewer odor complaints	2005	35			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
--------------------------------	---------------------------	-------------------------	-----------------------	----------------------	---------------------

# of lift station overflows	2004	0	0		
# of lift station overflows	2005	0			

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: WASTEWATER COLLECTION
Department: PUBLIC WORKS

Service Activity: Lift Station Operations

5933000

Service Activity Purpose and Description

This activity was previously included in the wastewater treatment service activity. This activity focuses on the operation of the sanitary lift stations.

Changes and Key Initiatives

Input Measure (\$000's)

2004	621	621 JOINT WATER AND SEWER OPERATING FUND	431
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	431

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Lift Stations - Total Pumping Station electric cost is used as a measure of wastewater pumped.	2004	\$320,000	\$167,267		
	2005	\$309,000			
<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Lift Stations - Pumping Stations operated and maintained.	2004	50	65		
	2005	49			

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Lift Stations - Minimize number of lift station overflows.	2004	0 overflows	0 overflows		
	2005	1 overflow			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: NORTH I-25 INDUSTRIAL REUSE

59509

Water Resource Management Strategy Projects Operation and Maintenance

Service Activities

North I-25 Reuse

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

The mission of the Water Utility is to provide quality water service to our community in a reliable, responsive, and efficient manner. The purpose of this strategy is to make an alternate source of water available for non potable use thereby preserving high quality water for drinking and other potable uses.

The entire community benefits from using lower quality water for irrigation and preserving high quality water for drinking use. Those customers in the North I-25 area who connect to the reuse system directly benefit by paying a lower reate for lower quality water.

Changes and Key Initiatives

Non-potable river water diversion and treated wastewater facilities and distribution system expansion are projected to come on line in FY04.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	274
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	274
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	330
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	344
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	344

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Have North I-25, Phase I reuse facility in operation 100% of time.	Availability	2003	100%		100%	
		2004	100%	100%		
		2005	100%			

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: NORTH I-25 INDUSTRIAL REUSE
Department: PUBLIC WORKS

Service Activity: North I-25 Reuse

5950000

Service Activity Purpose and Description

This activity represents one of the components of the Water Resources Management Program becoming operational. It provides for all Water Utility Division activities (labor, materials, chemicals, power, etc.) related to provision of non-potable water through the North I-25 reuse system of reservoirs, pumps, and piping. This entails continuously monitoring the reservoir levels and equipment operating condition; regularly sampling and analyzing water quality; daily inspection for condition, chemical addition, and security; and maintenance and repair of pipes and equipment as necessary.

Changes and Key Initiatives

Phase 1 facilities will be in the third full year of operation in FY04. The Utility continues to substitute potable water due to insufficient alternate reuse supply. Completion of Phase 2 (river diversion) will increase supply of non-potable water.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	274
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	330
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	344
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	344

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Quantity of non-potable water delivered (million gallons)	2004	62	83		potential savings of high quality water
	2005	62			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Percent of non-potable sales derived from non-potable sources	2004	75	89		<i>reflects actual savings of high quality water</i>
	2005	75			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Percent of time customer demand is met	2001			100	
	2002	100		100	
	2003	100		100	
	2004	100	100		<i>defines a reliable system</i>
	2005	100			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Percent of time reuse water quality permit is met	2003	100		100	
	2004	100	100		<i>defines a reliable system</i>
	2005	100			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: STATE CONSERVATION FEE

59510

State fee imposed on operations of a public water supply system.

Service Activities

State Conservation Fee

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

The State imposes a fee of \$.03 per thousand gallons of water produced water conservation fee on every person who operates a public water supply system. This fee pays for contaminants testing pursuant to the provisions of the Federal Safe Drinking Water Act and training for public water supply operators.

Changes and Key Initiatives

No significant changes are anticipated.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	1,170
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	1,170
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	1,100
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	1,100
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	1,100

The FY/05 input measure is a carry-over from FY/04.

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: STATE CONSERVATION FEE
Department: PUBLIC WORKS

Service Activity: State Conservation Fee

5915000

Service Activity Purpose and Description

This activity is responsible for collecting and forwarding the fee assessment to the State on a monthly basis.

Changes and Key Initiatives

No changes are anticipated.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	1,170
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	1,100
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	1,100
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	1,100

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

FY/03 (projected): The water conservation fee is being collected and forwarded to the State.

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: FINANCE

59511

Provide strategic support for the fiscal management of the Public Works Department.

Service Activities

Finance

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

To assist the Public Works Director and other decision makers in the development and implementation of fiscal policies for the utility. This strategy also assists the utility, general, and fleet divisions with all aspects of financial management. Customers include inside agencies throughout the city as well as outside agencies such as bonding agencies, other water and wastewater utilities, vendors, local businesses, and all customers of the utility.

Changes and Key Initiatives

1) Develops and administers rates, bonding functions (including arbitrage calculations), budgeting, accounting (payables, purchasing, and receivables), auditing, and provides overall financial support, 2) ensures consumers pay a fair and equitable price for water, 3) maintains debt service coverage, 4) maintains working capital balances to ensure a sound, fiduciary utility

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	2,790
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	2,790
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	3,202
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	4,058
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	4,058

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
To ensure a sound, fiduciary utility.	To maintain an \$8M fund 621 working capital balance.	2001			yes	
		2002	yes		yes	
		2003	yes		yes	

2004 yes yes

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
To ensure a sound fiduciary utility.	To maintain a \$10M fund 621 working capital balance.	2005	yes			

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE

Parent Program Strategy: FINANCE

Department: PUBLIC WORKS

Service Activity: Finance

5913000

Service Activity Purpose and Description

This activity provides support and information to the entire Public Works Department, other city departments, and outside agencies such as bonding agencies, vendors, and local businesses. This section develops and administers rates, bonding functions, arbitrage calculations, budgeting, accounting, auditing, and overall financial support. This activity manages 7 utility funds, 1 internal service fund, the infrastructure tax fund, a portion of the general fund, and monitors working capital balances and cash flow. Rate design is developed to ensure equity and fairness to all customers.

Changes and Key Initiatives

The Department will be utilizing low interest Safe Drinking Water and Clean Water Act revolving loan funds to partially finance FY03 CIP programs.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	2,790
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	3,202
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	4,058
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	4,058

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

FY/02: Retained excellent bond ratings and competitively sold \$30M revenue bonds at favorable market rates of 4.3%.

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
# of funds managed	2001			10	
# of funds managed	2002	10		10	
# of funds managed	2003	10		10	
	2004	10	10		

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Capital rehab expenditures for Wastewater	2001			11,000,000	
Capital rehab expenditures for Wastewater	2002	11,000,000		6,351,667	
Capital rehab expenditures for Wastewater	2003	11,000,000		10,456,696	
	2004	11,000,000	4,353,930		
	2005	11,000,000			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Capital rehab expenditures for Water	2001			11,000,000	
Capital rehab expenditures for Water	2002	11,000,000		7,360,970	
Capital rehab expenditures for Water	2003	11,000,000		6,793,293	
	2004	11,000,000	2,020,517		
	2005	11,000,000			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Debt % of annual expenditures	2001			36%	
Debt % of annual expenditures	2002	37%		37%	
Debt % of annual expenditures	2003	36%		36%	
	2004	35%	N/A		Not a figure that can be calculated mid-year.

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Debt Ratio	2001			39%	
Debt Ratio	2002	35%		36%	
Debt Ratio	2003	31%		33%	
	2004	29%	N/A		Not a figure that can be calculated mid-year.

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Percent normal capital program cash transferred	2001			50%	
Percent normal capital program cash transferred	2002	50%		50%	
Percent normal capital program cash transferred	2003	50%		50%	
	2004	50%	50%		

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Support Overhead Rate This program is responsible for providing support services for the utility at a fair and equitable price. This calculation is a percentage of administrative indirect costs compared to the direct utility costs. Industry averages range between 10-20%.	2001			14.07%	
	2002	14.7%		13.22%	
	2003	12.64%		14.36%	

2004 13.74% 14.32%

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Average Monthly Revenue/Account This calculation is the monthly average revenue excluding sustainable water) for a combined water and sewer bill on a 3/4" residential service.	2001			\$32.06	
Average Monthly Revenue/Account This calculation is the monthly average revenue excluding sustainable water) for a combined water and sewer bill on a 3/4" residential service.	2002	\$32.84		\$32.84	
Average Monthly Revenue/Account This calculation is the monthly average revenue excluding sustainable water) for a combined water and sewer bill on a 3/4" residential service.	2003	\$34.27		\$33.66	
	2004	\$35.44	\$35.44		

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Bond Ratings	2001			see notes	<i>Fitch-AA Standard & Poor=s AA Moody=s Aa3 + outlook</i>
	2002	see notes		see notes	<i>Fitch-AA Standard & Poor=s AA Moody=s Aa3 + outlook</i>
	2003	see notes		see notes	<i>Fitch-AA Standard & Poor=s AA Moody=s Aa3 + outlook</i>
	2004	see notes	see notes		<i>Fitch-AA Standard & Poor=s AA Moody's Aa3 + outlook</i>

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Debt Service Coverage a 1.33 minimum debt service coverage is required by rate ordinance and bond ordinance.	2001			1.63	
Debt Service Coverage a 1.33 minimum debt service coverage is required by rate ordinance and bond ordinance.	2002	1.84		1.74	
Debt Service Coverage a 1.33 minimum debt service coverage is required by rate ordinance and bond ordinance.	2003	1.74		1.88	
	2004	1.74	2.28		

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: SAN JUAN/CHAMA

59517

Obtaining, securing and supplementing the City's water supply.

Service Activities

San Juan - Chama

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

This program strategy provides payment for the renewable surface water supply for future drinking water purposes under the water resources strategy implementation program in Fund 622, goal 3.

Changes and Key Initiatives

Investigate, working with the San Juan-Chama Contractors Association, the feasibility of transferring title to the San Juan-Chama project from the Bureau of Reclamation to the contractors

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	2,027
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	2,027
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	2,033
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	2,222
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	2,222

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Payments will be made annually	Payment made	2001			Yes	Payments made.
		2002	yes		yes	
		2003	yes		yes	
		2004	yes	yes		

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: SAN JUAN/CHAMA
Department: PUBLIC WORKS

Service Activity: San Juan - Chama

5943000

Service Activity Purpose and Description

This activity is responsible for the annual principal, interest, operations, maintenance, and periodic extraordinary operations and maintenance payments to the United States Department of Interior for the San Juan-Chama water.

Changes and Key Initiatives

No changes are anticipated.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	2,027
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	2,033
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	2,222
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	2,222

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

FY/03: All payments made.

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy:STRATEGIC SUPPORT

59521

Provide support to water and wastewater utility operations.

Service Activities

Strategic Support

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

This program strategy provides support and information to the entire Public Works Department and performs utility billing functions. Customers include inside agencies throughout the city as well as outside agencies such as bonding agencies, vendors, local businesses, and all customers of the utility. These are the key functions performed: 1) Handles safety management and certification training for departmental employees as well as personnel and payroll functions, 2) Provides public information - acts as liaison to the news media, neighborhood associations, general public, and all interested parties

Changes and Key Initiatives

Addressing increased efficiency of functions within of the Public Works Department. Improve OSHA training and safety program.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	1,676
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	1,612
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	1,373
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	1,363
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	1,363

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
------------------	---------	-------------	---------	----------	--------	-------

<p>To conduct a training needs assessment department wide to determine various training topics outside of the certification programs and to increase the following:</p> <p>1) The success rate for required State of New Mexico Water and Wastewater certification, 2) The number of Public Works Department certification and training programs to 8 levels/year, 3) The number of refresher courses presented, and 4) Safety awareness training topics applicable to the blue-collar certification programs.</p>	<p><i>Developing an assessment needs.</i></p>	<p>2003</p>	<p>done</p>	<p>Done</p>
--	---	-------------	-------------	-------------

2004	done	done
------	------	------

2005	done
------	------

Priority Objectives

Fiscal Year

Priority Objectives

2005	<p>OBJECTIVE 12. Develop and release an RFP to conduct a comprehensive Water and Sewer Rate Study and select a rate consultant; complete the rate study evaluations and recommendations by the end of FY/04. Include in the evaluation financial policies in the current ordinance and recommend appropriate changes, if any. Coordinate this activity with the Development Impact Fee Committee.</p>
2005	<p>OBJECTIVE 19. Expend \$11 million each in water and wastewater capital rehabilitation programs, including completing the plant improvements (begun in FY/99) including odor control, Phase 2 of the FY01/02 Small Diameter Water/Sewer Line Replacement project, and the Duranes Pump Station Replacement project.</p>

Goal: PUBLIC INFRASTRUCTURE

Parent Program Strategy: STRATEGIC SUPPORT

Department: PUBLIC WORKS

Service Activity: Strategic Support

6030000

Service Activity Purpose and Description

This program strategy provides support and information to the entire Public Works Department. The safety section monitors employee work activities, Workers' Compensation and Tort claims making health and safety procedure recommendations and establishing methods for providing safety services to ensure compliance with established policies, rules, and regulations including mandated training for Departmental employees, facility inspections and automobile accident report reviews. The certification and training programs are blue-collar career development programs. The training curriculum provides employees with the most current information and a broad range of knowledge regarding operational tasks and procedures to include compliance of local, State and Federal regulations and required State of New Mexico, Water and Wastewater Certification levels I-IV.

Changes and Key Initiatives

Key initiatives include addressing increased efficiencies within Divisions of the Public Works Department, improving the OSHA training and safety programs, and conducting a training needs assessment.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	1,612
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	1,373
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	1,363
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	1,363

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

None

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Completed safety inspections department wide.	2003	30		30	
	2004	see notes	18		Due to lack of qualified personnel output is deceased
	2005	6			With the addition of qualified personnel output will increase

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Completion of safety training sessions.	2003	40		45	
	2004	see notes	25		Lack of qualified personnel has reduced the output
	2005	20			With addition of qualified personnel output will increase

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Completion of written OSHA programs. This includes the development of new programs as needed, and the rewriting of existing programs.	2003	7		10	
	2004	see notes	14		Only 3 new programs were needed to be developed; one more is to be developed for the Streets Division
	2005	4			Few new programs are needed; programs have been developed

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Number of operators that achieve State of NM Certification.	2003	11		10	
	2004	13	10		

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Public Works Certification and Training Programs presented and completed.	2003	8		2	
	2004	4	0		

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
State of NM Water/Wastewater Certification Sessions	2003	72		72	
	2004	138	78		

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Total personnel attending Public Works Department certification and training programs.	2003	76		41	
	2004	69	41		

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Employees required to hold a State of NM Water/Wastewater Certification.	2005	100%	8		

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Total personnel certified within the Public Works Department training programs.	2003	69		0	

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Total personnel certified within the Public Works Department certification and training programs.	2004	44	0		

<i>Quality Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Total personnel certified within the Public Works Department Certification and Training Programs.	2005	100%	0		

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: UTILITY DEVELOPMENT

59522

Maintain system integrity through water and wastewater line rehabilitation and to expand service to unserved areas served by private wells and septic tanks.

Service Activities

Utility Development

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

This program provides staffing for:

- Coordination and management of grant-funded CIP line extensions and infrastructure design for water and wastewater system expansion to developed areas of the Valley,
- Management of water and wastewater line rehabilitation and coordination with paving and storm drainage projects, and
- Water and wastewater utility review and approval at the One-Stop Shop for development services.

Customers include current city and valley residents, developers, plus residents of unserved, valley areas with private water wells and septic tanks. The current state of customer conditions is the quality of drinking water and possible contamination of private wells. Existing utility customer conditions expect reliable delivery of high quality water and proper disposal of wastewater based upon continued system maintenance and renewal.

Changes and Key Initiatives

Key initiatives include:

- Support of the Valley Utilities Project and continuing coordination with the Bernalillo County Public Works program for valley utility extensions,
- Prioritization of the rehabilitation of existing sewer and water lines in coordination with the 1/4-cent Paving Rehab program, within constraint of broad demand for rehab funds.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	638
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	638
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	778
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	776
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	776

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
A wastewater system that meets quality standards and a reliable water system that meets health and safety standards	Complete design and construction of Polk area sewers in the South Valley and Area "K" (Dietz Farm) area sewers in the North Valley	2001			5%	

2002	10%			
2003	100%		100 %	
2004	60%	35%		Polk Sewer Phase 2 project delayed
2005	100%			

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
A wastewater system that meets quality standards and a reliable water system that meets health and safety standards.	Develop a line condition rating system for use in prioritizing water and wastewater rehabilitation in coordination with the 1/4 cent paving	2001			0%	Limited funding for line replacement requires detailed evaluation of system conditions and cost benefits for immediate vs. deferred rehab of lines affected by street rehab program.
A wastewater system that meets quality standards and a reliable water system that meets health and safety standards		2002	15%			Limited funding for line replacement requires detailed evaluation of system conditions and cost benefits for immediate vs. deferred rehab of lines affected by street rehab program.
A wastewater system that meets quality standards and a reliable water system that meets health and safety standards.		2003	60%		60 %	Limited funding for line replacement requires detailed evaluation of system conditions and cost-benefits for immediate vs. deferred rehab. of lines affected by street rehab program.
		2004	60%	20%		Limited funding for line replacement requires detailed evaluation of system conditions and cost-benefits for immediate vs. deferred rehab. of lines affected by street rehab program.

2005 85%

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: UTILITY DEVELOPMENT
Department: PUBLIC WORKS

Service Activity: Utility Development

5962000

Service Activity Purpose and Description

Utility Development provides staffing for:

- a. Coordination and management of grant-funded CIP line extensions and infrastructure design for water and wastewater system expansion to developed areas of the Valley,
- b. Management of water and wastewater line rehabilitation and coordination with paving and storm drainage projects, and
- c. Staff support at the "One-Stop Shop" for development services to review and approve Water and wastewater system expansion needs for new development.
- d. Management of Master Plan system extensions when funded to support new growth.

Utility Development "customers" include the Water and Sewer Operating Divisions, existing water and sewer account holders, developers, plus potential customers who are residents of un-served, valley areas with private water wells and septic tanks. The current state of customer conditions includes an expectation of dependable water and wastewater service in existing areas. Un-served customers in developed parts of the valley typically experience poor quality drinking water and possible contamination of private wells from over use of septic systems in the "urbanizing" older areas.

Existing utility customer conditions expect continued reliable delivery of high quality water and disposal of wastewater through continued system maintenance and renewal.

Future Utility customers require timely extension of efficient, dependable sewer and water systems to enhance overall community quality of life.

Changes and Key Initiatives

Key initiatives include:

- a.) Support of the Valley Utilities Project in coordination with Bernalillo County Public Works Dept. program for extension of sewer and water in developed areas of the N & S Valley,
- b.) Prioritize available funds to replace or rehabilitate existing sewer and water lines, while coordinating with the 1/4-cent Paving Rehab program & the surface water transmission system construction,
- c.) Review and approval of privately funded water and sewer system extensions serving new development.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	638
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	778
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	776
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	776

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

None

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
-----------------	-------------	-----------	---------	--------	-------

Linear feet of Valley areas sewer expansion. The grant-funded service extension in the valley areas expand water and wastewater service to residents currently in unserved areas with water wells and septic tanks. Three large projects currently underway include the Polk area in the South Valley, Deitz Farms in the North Valley, and North Valley areas C, D, and E (in cooperation with Bernalillo County).	2001			136,000	
	2002	12,400			
Linear feet of Valley areas sewer expansion. The grant-funded service extension program in the valley areas will extend water and wastewater service to residents currently in unserved areas with private water wells and septic tanks. Five large projects currently underway include the Polk and Pajarito sewer areas in the South Valley, Deitz Farms in the North Valley, and North Valley areas C, D, and E (in cooperation with Bernalillo County).	2003	350,000			
	2004	350,000	33,365		Area D 2000 completed, Polk Phase 1 Done
	2005	240,780			Polk = 60,400 NV K = 41,500 NV D = 64,500 Coors= 72,380 NV H = 2,000

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Small diameter line rehab and replacement - linear feet of sewer replacement	2001			10,000	
Small diameter line rehab and replacement - linear feet of sewer replacement	2002	3,500			
Small diameter line rehab and replacement - linear feet of sewer replacement	2003	3,400		0	See Trenchless quantity
	2004	3,400	0		
Sewer Main Replacement - Lineal feet of small diameter collector lines	2005	3,400			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Small diameter line rehab and replacement - linear feet of water replacement	2001			35,000	
Small diameter line rehab and replacement - linear feet of water replacement	2002	7,500			
Small diameter line rehab and replacement - linear feet of water replacement	2003	28,100		23,000	FY03 Contractor Delays - "AEI"

	2004	28,100	18,000
Water Line Replacement - Lineal feet of small diameter pipes	2005	30,000	

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Small diameter line rehab and replacement - linear feet sewer interceptor rehab	2001			16,000	
Small diameter line rehab and replacement - linear feet sewer interceptor rehab	2002	0			
Small diameter line rehab and replacement - linear feet sewer interceptor rehab	2003	0			
	2004	0	350		Isleta Blvd at Barcelona
Interceptor Sewer Trenchless Rehab or full Replacement - Lineal Feet of pipe complete	2005	3,000			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Small diameter line rehab and replacement - linear feet sewer threnchless rehab	2001			15,000	
Small diameter line rehab and replacement - linear feet sewer threnchless rehab	2002	0			
Small diameter line rehab and replacement - linear feet sewer threnchless rehab	2003	4,500		7091	
	2004	4,500	0		Include in FY04 Project
Trenchless Sewer Main Rehab - Lineal feet of small diameter collector lines	2005	4,500			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: INFORMATION SYSTEMS

59527

Provide information technology services department wide.

Service Activities

Information Systems

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

This program's mission is to enhance, maintain, and support the information technology services function of the Public Works Department; to bring about increased personnel productivity through automation; and more effective information processing for decision-making purposes. This service is provided in a timely and cost effective manner to support the business models of the Public Works Department divisions. This includes, but is not limited to, office automation, GIS applications, operation management systems, billing/collection systems, and communication systems.

Changes and Key Initiatives

FY03 initiatives & continuations: 1) Replace the current billing system, 2) Continue with the implementation of the automated meter reading (AMR) project, 3) Continue integration of Utility-wide business systems with web-based, 4) Continue Utility-wide migration of the GIS system to a completely new architecture and user environment, 5) Begin Utility-wide IT disaster recovery plan

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	461
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	461
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	446
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	638
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	638

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Divisions have computer processing available to meet their missions To bring about increased personnel productivity through automation.	% of department networked PC's that meet the City's and Department's standards	2001			65%	
		2002	60%		60%	

Divisions have computer processing available to meet their missions. To bring about increased personal productivity through desktop automation	<i>% of department networked PCs that meet the City's and Department's standards</i>	2003	90%	65
---	--	------	-----	----

		2004	60%	50
--	--	------	-----	----

		2005	99%	
--	--	------	-----	--

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Department's major application services are available for use during regular business hours. To ensure more effective information processing for decision-making purposes.	<i>% of time applications are available for use</i>	2001			99%	
		2002	90%		90%	
Department's major application services are available for use during business hours. To ensure more effective information processing for decision-making purposes.	<i>% of time applications are available for use.</i>	2003	99%		99	
		2004	99%	99		

Utility's major application services are available for use during business hours. To ensure more effective information processing for decision-making purposes.

2005 99%

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Department wide migration to Web-based technologies. In an effort to reduce individual hardware and software costs, the use of Web-based technologies will be implemented whenever possible in future projects	<i>% of legacy applications migrated to web-based technology.</i>	2001			5%	
		2002	25%		25%	
		2003	75%		35	
Department-wide migration to web-based technologies. In an effort to reduce individual hardware and software costs, the use of web-based technologies will be implemented whenever possible in future projects	<i>% of legacy applications migrated to web-based technology</i>	2004	50%	40		

Utility-wide migration to web-based technologies. In an effort to reduce individual hardware and software costs, the use of web-based technologies will be implemented whenever possible in future projects

2005 100%

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Department IT Disaster Recovery Plan Develop and implement a department-wide IT disaster recovery plan to insure automation services are available after defined disasters.	<i>Time needed to recover from a disaster affecting automation services.</i>	2003	75%		45	
		2004	65%	50		
Utility IT Disaster Recovery Plan. Develop and implement a Utility-wide IT disaster recovery plan to insure automation services are available after defined disasters.		2005	100%			

Priority Objectives

Fiscal Year **Priority Objectives**

2005 OBJECTIVE 4. Implement the new utility billing system for water, sewer, and refuse accounts by the end of FY/05.

Goal: PUBLIC INFRASTRUCTURE

Parent Program Strategy: INFORMATION SYSTEMS

Department: PUBLIC WORKS

Service Activity: Information Systems

6034000

Service Activity Purpose and Description

To provide information systems technical support Utility-wide.

This service activity's mission is to enhance, maintain, and support the information technology services function of the Public Works Department; to bring about increased personnel productivity through automation; and more effective information processing for decision-making purposes. This service is provided in a timely and cost effective manner to support the business models of the Public Works Department divisions. This includes, but is not limited to, office automation, GIS applications, operation management systems, billing/collection systems, and communication systems.

Changes and Key Initiatives

None, the Information Technology Division will continue to provide information systems technical support Utility-wide.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	461
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	446
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	638
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	638

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
IT Disaster Recovery Plan	2003	40%		35	
	2004	65%	50		
	2005	100%			

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Radio Migration to 800 MHz	2001			85%	
Radio Migration to 800 MHz	2002	100%		100%	
	2003	NA		See Notes	This was completed in FY02.

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Utility Bill System Replacement	2001			5%	

Utility Bill System Replacement	2002	10%		10%	
Utility Billing System Replacement	2003	50%		See Notes	Moves to ISD in FY03.

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Migration of the GIS data system.	2004	75%	50		
	2005	100%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Improved Utility Billing Process	2001			5%	
Improved Utility Billing Process	2002	99%		99%	

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Reduce Helpdesk Calls	2003	30%		25	
	2004	50%	75		
	2005	50%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Reduce IT Disaster Recovery Time	2003	50%		45	
	2004	65%	50		
	2005	75%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Up time for Automated Systems	2003	99%		99	
	2004	99%	99		
	2005	99%			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: CUSTOMER SERVICES

59530

To accurately bill city water and wastewater customers.

Service Activities

Customer Services

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

This program provides water meter reading, utility billing, utility revenue collection as well as billing information to City water and wastewater customers. Demand for these services is growing at an average of 2% per year. Staffing levels have remained constant since 1978 when the account base was 60% less.

Changes and Key Initiatives

The use of GIS resources to more efficiently read water meters is an ongoing initiative as the number of utility accounts continues to grow. In FY02 the pilot project for automated meter reading (AMR) was implemented with the installation of the hardware for the 120 commercial accounts. Also in FY02 an online bill paying system was initiated for utility customers.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	3,570
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	3,570
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	3,779
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	3,637
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	3,637

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Accurate and timely billings	<i>Initiate commercial AMR pilot project. Completion of Return on Investment report for citywide AMR. Many commercial utility accounts have large meters which are often inaccessible to readers. AMR is being explored as a solution.</i>	2001			see notes	<i>FY/01: purchased hardware/began installation.</i>
		2002	Complete			<i>Completed installation on 120 meters.</i>

Initiate commercial AMR pilot project. Completion of ROI Report for city-wide AMR.

2003 ROI Done

ROI Report to Council.

2004 ROI Done Large Meter

ROI Report to Council. Large meter replacement in Progress.

2005 ROI Done

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
-------------------------	----------------	--------------------	----------------	-----------------	---------------	--------------

Accurate and timely billings	<i>Initiate commercial AMR pilot project. Completion of Return on Investment report for citywide AMR. Many commercial utility accounts have large meters which are often inaccessible to readers. AMR is being explored as a solution.</i>	2001			see notes	<i>FY/01: Return on investment report begun.</i>
-------------------------------------	--	------	--	--	-----------	--

		2002	ROI Done			<i>Completed Return on Investment Report submitted to City Council.</i>
--	--	------	----------	--	--	---

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
-------------------------	----------------	--------------------	----------------	-----------------	---------------	--------------

Provide customer friendly utility billing system	<i>Begin process to obtain funding and an RFP for the contractor selection. An updated utility billing system will allow customers account access and bill paying online and improve billing efficiency</i>	2001			see notes	<i>Determined Funding Level.</i>
---	---	------	--	--	-----------	----------------------------------

		2002	RFP Done			<i>Obtain Council appropriation</i>
--	--	------	----------	--	--	-------------------------------------

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Provide customer friendly utility billing system	<i>Begin process to obtain funding and an RFP for the contractor selection. An updated utility billing system will allow customers account access and bill paying online and improve billing efficiency</i>	2001			see notes	<i>FY/01: Determine funding needed.</i>
		2002	N/A			<i>Advertise RFP.</i>

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Billing system conversion.	<i>Type of conversion determined.</i>	2003				<i>Type of conversion determined.</i>
		2004	done	done		<i>Type of conversion determined.</i>
		2005	done			

Priority Objectives

Fiscal Year	Priority Objectives
2005	OBJECTIVE 10. Complete the testing, rehab and/or replacement of 800 large water meters (3-inch and larger) including installation of automated meter reading (AMR) devices using CIP funding by the end of FY/04.
2005	OBJECTIVE 11. Complete the installation of 8,000 AMR devices on small water meters (3/4 inch to 2 inch size) by the end of FY/04.

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: CUSTOMER SERVICES
Department: PUBLIC WORKS

Service Activity: Customer Services

5975000

Service Activity Purpose and Description

This activity provides water meter reading, utility billing, utility revenue collection as well as billing information to City water and wastewater customers. Demand for these services is growing at an average of 2% per year. Staffing levels have remained constant since 1978 when the account base was 60%

Changes and Key Initiatives

The use of GIS resources to more efficiently read water meters is an ongoing initiative as the number of utility accounts continues to grow. In FY02 the pilot project for automated meter reading (AMR) was implemented with the installation of the hardware for the 120 commercial accounts. Also in FY02 an online bill paying system was initiated for utility customers.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	3,570
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	3,779
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	3,637
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	3,637

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

FY01: Purchased AMR hardware for pilot. Determined funding level for billing system replacement.

FY02: Completed AMR hardware installation. Successfully reading all commercial accounts in AMR pilot project. ROI report complete. RFP for billing system replacement complete.

FY03: Develop a program for full implementation.

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
------------------------	--------------------	------------------	----------------	---------------	--------------

Number of customers assisted daily per Customer Account Representative -- Staffing level has remained at 13 Customer Account Reps since 1978, even though the water account base has increased 60%. (*Reduction in # from FY00 reflects change to more accurate reporting.)	2001			52	
---	------	--	--	----	--

	2002	52.5			
--	------	------	--	--	--

Daily number of customers assisted per Customer representative Even though water account base has grown 60% since 1978,the number of filled positions has remained constant.	2003	53	60	67	
--	------	----	----	----	--

	2004	53	69		
--	------	----	----	--	--

	2005	53			
--	------	----	--	--	--

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Number of meters read daily per Water Rep. In 1978, 94,000 accounts were read by 23 full-time Water Reps. In 2000, the same number of Water Reps were expected to read 149,000 account a 60% increase.	2001			390	
Number of meters read daily per Water Rep. In 1978, 94,000 accounts were read by 23 full-time Water Reps. In 2000, the same number of Water Reps were expected to read 149,000 account a 60% increase.	2002	395			
Daily number of meters read per reader. Even though water account base has grown 60% since 1978, the number of positions has remained constant.	2003	400	567	535	
	2004	400	318		
	2005	400			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Meter Estimations vs. Total Meter Reads -- The percentage of estimated meters continually increases as the account base grows and staffing levels remain constant.	2001			8.5%	
Meter Estimations vs. Total Meter Reads -- The percentage of estimated meters continually increases as the account base grows and staffing levels remain constant.	2002	9.5%			
Meter Estimations vs Total Meter Reads. The percentage of estimated meters continually increases as the account base grows and staffing levels remain constant.	2003	9%	1.7	1.4	
	2004	9%	1.0		
	2005	9%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Maintain 60/90-day utility account delinquency rate below 1%.	2001			0.79%	
Maintain 60/90-day utility account delinquency rate below 1%.	2002	1.19%			
Maintain 60/90 day utility account delinquency revenue rate below 1.5%□□□	2003	1.35%	2.23	1.13	
	2004	1.35%	1.4		
	2005	1.35%	1.28	1.28	

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: LOW INCOME UTILITY CREDIT

59536

Provide financial assistance to qualified customer for monthly water and wastewater utility costs.

Service Activities

Low Income Utility Credit

Desired Community Condition

A reliable water system that meets health and safety standards.

Wastewater systems meet quality standards.

Strategy Purpose and Description

City of Albuquerque water and/or sewer customers may apply for a low income utility credit to their water and/or sewer bill. To qualify under the United States Office of Management and Budget income guidelines, these customers must live in single-family, detached townhouses, duplexes, or triplexes served by a common or individual meters, mobile homes served by individual meters, but limited to those customers who own the dwelling in which they reside.

Changes and Key Initiatives

The Customer Services Division works closely with the current contractor who determines eligible recipients for this credit. Possible eligible recipients are referred by the Customer Services Division to the contractor. Home visits are provided for home-bound applicants.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	138
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	138
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	250
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	250
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	250

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Assist as many qualified customers as possible.	Appropriation is spent.	2001			\$185,214	
		2002	\$250,000		\$234,250	
		2003	250,000		253,525	

2004	250,000	112,345
------	---------	---------

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: LOW INCOME UTILITY CREDIT
Department: PUBLIC WORKS

Service Activity: Low Income Utility Credit

5929000

Service Activity Purpose and Description

This service activity funds the low income water and wastewater utility credit.

Changes and Key Initiatives

No changes anticipated in FY03.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	138
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	250
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	250
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	250

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

None

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
# of accounts receiving low income utility credit	2001			983	
	2002	1,030		1,038	
# of accounts receiving low income utility credit.	2003	1,098		1,125	
	2004	1,210	1,192		
	2005	1,230			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: SUSTAINABLE WATER SUPPLY

59545

Plan, provide, protect, and maintain adequate and sustainable water.

Service Activities

Sustainable Water Supply

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

Implement City Council adopted Water Resources Management Strategy to provide a safe and sustainable water supply. Obtain necessary environmental and state engineer's permit, design, and construct facilities to transition to renewable water supplies.

Changes and Key Initiatives

FY/03: Select consultants and begin design of Drinking Water Project (San Juan-Chama project) including water treatment plant, diversion and raw water conveyance, and transmission pipelines.

FY/03: Begin construction of North I-25 Non-potable Surface Water Reclamation project.

FY/03: Complete NEPA and obtain Record of Decision for Drinking Water Project. Negotiate and settle State Engineer protests and proceed to hearing if necessary to obtain diversion permit.

FY/03: Complete offsite transportation and utility work for water treatment plant site including traffic signal and roadway improvements, water, sewer, gas and electrical connections.

Input Measure (\$000's)

2001	622	622 SUSTAINABLE WATER SUPPLY FUND	7,009
2002	622	622 SUSTAINABLE WATER SUPPLY FUND	7,009
2003	622	622 SUSTAINABLE WATER SUPPLY FUND	10,400
2004	622	622 SUSTAINABLE WATER SUPPLY FUND	13,665
2005	622	622 SUSTAINABLE WATER SUPPLY FUND	13,665

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Select consultants and begin design of Drinking Water Project (San Juan-Chama project) including water treatment plant, diversion and raw water conveyance, and transmission pipelines.	none	2003	NA			

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Complete the construction of the North I-25 Non-Potable Surface Water Reclamation project.	<i>none</i>	2001			N/A	
		2002	N/A		N/A	
		2003	NA			
Begin construction of North I-25 Non-potable Surface Water Reclamation project.						

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Complete the preliminary design and begin final design for the Southside Water Reclamation project.	<i>none</i>	2001			N/A	
		2002	N/A		N/A	
		2003	NA			
Complete NEPA and obtain Record of Decision for Drinking Water Project. Negotiate and settle State Engineer protests and proceed to hearing if necessary to obtain diversion permit.						

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Continue monitoring of water quality in the Rio Grande upstream of the proposed surface water diversion, between the surface water diversion and wastewater treatment effluent return and downstream of wastewater treatment effluent return. Finalize Source Water Assessment for protection of the City's surface water from Abiquiu to surface water diversion.	none	2001			N/A	
		2002	N/A		N/A	
		2003	NA			
Complete offsite transportation and utility work for water treatment plant site including traffic signal and roadway improvements, water, sewer, gas and electrical connections.						

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Complete the design of the Drinking Water Project including the water treatment plant, raw water diversion and conveyance, and transmission pipelines. Prepare advertisement for bids.	N/A	2004	N/A			
		2005	N/A			

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Begin operation of the North I-25 Non-Potable Surface Water Project.	N/A	2004	N/A			
		2005	N/A			

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Complete the design and start construction of the Southside Municipal Effluent Reuse Project.	N/A	2004	N/A			
		2005	N/A			

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Obtain permitting clearances from the State Engineer's Office and the Bureau of Reclamation (NEPA) for construction of the project.	N/A	2004	N/A			
		2005	N/A			

Priority Objectives

<i>Fiscal Year</i>	<i>Priority Objectives</i>
2005	OBJECTIVE 14. Complete design of the Drinking Water Project (San Juan-Chama project), including a water treatment plant, diversion and raw water conveyance system, and new transmission pipelines by the second quarter of FY/05.
2005	OBJECTIVE 17. Complete the construction of the North I-25 Non-potable Surface Water Reclamation project, including construction of subsurface diversion facilities and non-potable reuse distribution systems by the end of FY/05.
2005	OBJECTIVE 18. Begin construction of offsite transportation and utility work for the water treatment plant site, including traffic signal and roadway improvements, water, sewer, gas and electrical connections, for completion in FY/05.

Goal: PUBLIC INFRASTRUCTURE
Parent Program Strategy: SUSTAINABLE WATER SUPPLY
Department: PUBLIC WORKS

Service Activity: Sustainable Water Supply

6082000

Service Activity Purpose and Description

1. Provide non-potable water for irrigation and industrial demands in northern parts of the City.
2. Obtain necessary diversion permit from the State Engineer for San Juan-Chama diversion and prepare for hearings.
3. Complete record of decision for EIS.
4. Begin design of water treatment plant, diversion and transmission facilities to provide treated surface water for drinking water.

Customers include water rate payers and citizens of Albuquerque.

Changes and Key Initiatives

No new initiatives expected.

Input Measure (\$000's)

2002	622	622 SUSTAINABLE WATER SUPPLY FUND	7,009
2003	622	622 SUSTAINABLE WATER SUPPLY FUND	10,400
2004	622	622 SUSTAINABLE WATER SUPPLY FUND	13,665
2005	622	622 SUSTAINABLE WATER SUPPLY FUND	13,665

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

The city has received all required permits for water reuse and reclamation projects in FY02.

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: Production

59560

Extracting water from the ground, providing treatment and delivering it to storage tanks

Service Activities

Well repair and maintenance

Water Treatment repair and maintenance, and chemicals

Pump Station and reservoir repair and maintenance

Water Plant Operations

Metropolitan Detention Center Water System Operation and Maintenance

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

The mission of the Water Utility is to provide quality water service to our community in a reliable, responsive, and efficient manner. The purpose of this strategy is to provide for maintenance of, and chemicals for, facilities that produce, treat, and deliver approximately 36 billion gallons of potable water and continuously provide 160 million gallons of water in storage for potable purposes and fire protection reserve. Plant facilities are a complex system of 93 wells, 28 pump stations, 44 reservoirs, 30 chlorination sites, and 16 fluoridation sites situated throughout 230 square miles of Albuquerque and adjacent parts of Bernalillo County.

This strategy addresses the potable water pumping, treatment, and storage infrastructure for the entire community.

Changes and Key Initiatives

A new maintenance management system was started in the prior year. A key initiative this period is to begin using that system to capture the information needed to establish a baseline from which to make improvement.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	2,227
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	2,228
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	2,004
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	2,102
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	10,595

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Meet customer and fire demands	facility availability	2001	120%			Availability is the minimum value for the available capacity divided by the demand calculated on a daily basis

		2002	120%			Availability is the minimum value for the available capacity divided by the demand calculated on a daily basis
		2003	120%		120%	Availability is the minimum value for the available capacity divided by the demand calculated on a daily basis
Meet customer water and fire service demands		2004	120%	200%		Availability is the minimum value for the available capacity divided by the demand calculated on a daily basis.
		2005	120%			

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Meet Safe Drinking Water Act requirements	Number of facilities without regulatory deficiencies	2004	135	98		Total number of regulated facilities is 135, which includes 90 wells and 45 reservoirs.
		2005	135			

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE

Parent Program Strategy: Production

Department: PUBLIC WORKS

Service Activity: Well repair and maintenance

5990000

Service Activity Purpose and Description

This activity provides labor and materials for maintenance of wells. Demand for maintenance increases as the age of wells increases. There are 93 wells available for producing water. The total production capacity is 275 million gallons per day. The average age of the wells is 25 years.

Efforts under this activity help assure that the wells function properly when water needs to be produced.

Changes and Key Initiatives

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	885
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	784
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	796
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	796

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Downtime for any one well should not exceed four (4) hours during the months of June, July, and August measured in events.	2001			94%	changed to % of total time.
Downtime for any one well should not exceed four (4) hours during the months of June, July, and August measured in events.	2002	94% est.			Changed to be measured as a percent of total time.
Have a one-day minimum of 90% of overall well capacity available during the months of June, July, and August measured in percent of total.	2003	90%		100%	

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Number of wells maintained	2003	93		93	

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
The percent of preventative maintenance work orders completed.	2001			82%	
The percent of preventative maintenance work orders completed.	2002	90%			
The percent of preventative maintenance work orders completed on wells.	2003	70%		30%	

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Quantity of water produced by wells (million gallons)	2004	35,000	18,928		measures the magnitude of the task
	2005	35,000			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Labor hours traceable to a specific job.	2004	75%	0%		measures ability to capture essential information
	2005	75%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Spent 70% of man-hours of preventative and predictive work orders. This concept is that overall maintenance costs may be minimized with the 70/30 rule where 70 percent of maintenance is preventative or predictive (planned) and 30 percent is corrective (emergency).	2003	60/40		30/70	

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Well production capacity will be maintained to 100% of actual capacity of forecasted daily demand anytime during the year measured in events not meet.	2001			0 events	
	2002	0			
	2003	0		0	

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Available well production capacity relative to daily demand.	2004	120%	153%		minimum ratio of available capacity to demanded capacity on a daily basis; a measure of reliability

2005

120%

Goal: PUBLIC INFRASTRUCTURE

Parent Program Strategy: Production

Department: PUBLIC WORKS

Service Activity: Water Treatment repair and maintenance, and chemicals

5991000

Service Activity Purpose and Description

This activity provides labor and materials for maintenance of water treatment equipment. It also provides for the chemicals needed to treat the water. The amount of chemicals used depends on the volume of water treated. Chlorine is used for disinfection. About two-thirds of the chlorine sites use salt as the source of chlorine. The remaining sites use chlorine gas. Fluoride is added for dental health in accordance with City ordinance.

Efforts under this activity help assure that the water produced is properly treated.

Changes and Key Initiatives

Complete conversion from gas chlorine to sodium hypochlorite for disinfection.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	398
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	376
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	419
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	419

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Eliminate gas chlorine use and storage in the water utility for cost and safety reasons.	2001			2 complete	
Eliminate gas chlorine use and storage in the water utility for cost and safety reasons.	2002	8completed			
Eliminate gas chlorine use and storage in the water utility for cost and safety reasons. In-house installation of sodium hypochlorite eliminates the need for gas chlorine as a water disinfection agent.	2003	10 done		7 done	
<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
Labor hours traceable to specific work	2004	10%	0		measures ability to capture essential information
	2005	10%			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Fluoride facilities operable (number of site-days)	2004	5000	2181		16 sites operable 365 days per year = 5840 site-days. Not all sites will be operable all the year due to facilities rehabilitation project.
	2005	5000			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Chlorine facilities operable (number of site-days)	2004	10950	5277		30 sites operable 365 days per year = 10905 site-days
	2005	10950			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Chlorine residual in distribution system maintained between .03 and 1.2 ppm at all times. Measured in events not meet.	2001			30	30 out of 2,569 samples
Chlorine residual in distribution system maintained between .03 and 1.2 ppm at all times. Measured in events not meet.	2002	35			35 out of 2,800 samples.
Chlorine residual in distribution system maintained between 0.4 and 1.2 PPM at all times. The target of the Utility is to have 100% compliance. Measured in events not met during total Coliform sampling (out of approximately 2,800 samples).	2003	25		62	62 out of 2,565 samples

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
City Ordinance mandates fluoridation of the City's drinking water. The Ordinance requires fluoridation between 0.9 and 1.2 ppm. The target of the Utility is to have 100% compliance. The measurement is % of samples within Ordinance range.	2003	90%		62%	Weekly Measurements

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Compliance with State regulation for total coliform sampling compliance. Non-compliance would result in public notification on a non-acute level and a boil water alert on an acute level violation.	2003	100%		100%	

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Point of entry fluoride value in the 0.9 to 1.2 milligram per liter range daily.	2004	748	1515		One sample at 16 sites 52 weeks per year - reduced 10% to accomodate facility rehabilitation.
	2005	748			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Point of entry chlorine value within 0.8 to 1.2 milligrams per liter range daily	2004	10950	583		One sample at 30 sites 365 days per year
	2005	10950			

Goal: PUBLIC INFRASTRUCTURE

Parent Program Strategy: Production

Department: PUBLIC WORKS

Service Activity: Pump Station and reservoir repair and maintenance

5992000

Service Activity Purpose and Description

This activity provides labor and materials for maintenance of pump stations and reservoirs.

Efforts under this activity help assure that the water produced can be transferred to the locations where it is needed and be properly stored until used.

Changes and Key Initiatives

Remedy reservoir deficiencies identified in the sanitary survey process.

Input Measure (\$000's)

2002	621	621 JOINT WATER AND SEWER OPERATING FUND	945
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	844
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	887
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	887

The FY/05 input measure is a carry-over from FY/04.

Strategic Accomplishments

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
<hr/>					
Downtime for any single pump station or reservoir should not exceed four (4) hours during the months of June, July, and August measured in events.	2001			0 events	
	2002	0			
	2003	0		0	

<i>Output Measures</i>	<i>Fiscal Year</i>	<i>Projected</i>	<i>Current</i>	<i>Actual</i>	<i>Notes</i>
<hr/>					
The percent of preventative maintenance work orders completed.	2001			70%	
	2002	50%			
The percent of preventative maintenance work orders completed on pump stations and reservoirs.	2003	70%		30%	

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Reservoir roof penetrations sealed.	2004	1480	980		30 reservoirs with 100 repairs each
	2005	1480			

Output Measures	Fiscal Year	Projected	Current	Actual	Notes
Labor hours traceable to specific work	2004	10%	0		measures ability to capture essential information
	2005	10%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Pump station and reservoir capacity will be maintained to 100% of actual capacity of forecasted daily demand anytime during the year measured in events not meet.	2001			0 events	
	2002	0			
	2003	0		0	

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Available pump station capacity relative to daily demand	2004	120%	240%		a measure of reliability
	2005	120%			

Quality Measures	Fiscal Year	Projected	Current	Actual	Notes
Preventive maintenance work orders completed on pump stations and reservoirs	2004	10%	10%		a measure of the amount of needed work that actually is accomplished
	2005	10%			

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: Distribution

59561

Delivering water from storage to final users- includes responding to customer emergency requests as well as maintenance of piping, meters, fire hydrants, and valving

Service Activities

Customer Requests

Water Distribution Maintenance

Water Distribution Operation

Water revenue meter maintenance

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

The mission of the Water Utility is to provide quality water service to our community in a reliable, responsive, and efficient manner. The purpose of this strategy is to operate the pumping, treatment, and storage facilities to meet customer demand and water quality regulations in an economical manner.

This strategy addresses the operation of potable water pumping, treatment, and storage infrastructure for the entire community.

Changes and Key Initiatives

New federal arsenic standards require meeting a 35 microgram per liter standard immediately to qualify for a 3 year exemption. Obtaining the exemption has the potential to save some \$40 million in capital expenditures. To achieve the standard, the Utility will have to substantially alter its operating practices to move water and monitor conditions more that previously.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	9,105
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	7,830
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	8,286
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	8,338
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	12,108

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Meet water demand with least cost of power based on time of year and time of day rates.	Overall power efficiency with consideration of time of year, time of day rates. Pumping during off peak period to accommodate construction and maintenance will be excluded.	2001			N/A	

2002 99%

2003 99.5%

95.5%

Energy management software (EMS) has been developed originally to deal with electric deregulation. The EMS currently allows WUD to evaluate current operations and is extremely useful in evaluating changing natural gas costs.
N/A -- Due to Arsenic and out of service wells.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Meet customer water and fire service demands	Percent of demand met	2001	100			
		2002	100			
		2003	100		100	
		2004	100	100		
		2005	100			

Priority Objectives

Fiscal Year	Priority Objectives
2005	OBJECTIVE 15. Eliminate gas chlorination for water utility disinfection as a safety improvement, and complete the replacement of gas chlorine with sodium hypochlorite by the end of FY/04.
2005	OBJECTIVE 16. Initiate the development of Emergency Response Planning for Water System security, including development of long-term funding and an implementation plan for enhanced systems security by the end of FY/04.

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy:Facilitation

59562

Providing direction, support, and specialty services

Service Activities

Water Quality

Technical Services

Administration

Work Load Management

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

The mission of the Water Utility is to provide quality water service to our community in a reliable, responsible, and efficient manner. The purpose of this strategy is to provide a piping network that can distribute potable water to all customers and for fire suppression as needed. The water distribution system is a complex network of over 2,500 miles of waterlines ranging from 2" to 54", 160,000 service and fire lines ranging from 3/4" to 10", 150 pressure-reducing stations, 10,000 valves, and 12,500 fire hydrants with a replacement value of one billion dollars.

This strategy addresses the delivery of potable water to the entire community.

Changes and Key Initiatives

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	5,184
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	5,184
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	6,640
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	6,471
2005	621	621 JOINT WATER AND SEWER OPERATING FUND	4,050

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
To work continuously in water main and service repair to minimize customer water service outages. Percentage of leaks not continuously worked on when water customer is out of service.	Number of times work site is abandoned when customers are out of water service.	2001			0	

2002 0

To continuously work on water mains and service repairs to minimize customer water service outages. Percentage of leaks not continuously worked on when water customers are out of service.

2003 0

0

This area does highly impact our over time requirements.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
------------------	---------	-------------	---------	----------	--------	-------

Meet customer water and fire service demands

Number of events two or more customers are without water for over eight hours due to repairs.

2004 2 0

2005 2

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
------------------	---------	-------------	---------	----------	--------	-------

Meet Safe Drinking Water Act requirements

Percent of required post-repair samples taken.

2004 100 See Notes

No data yet, Waiting for Maximo Implementation

2005 100

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: WATER DISTRIBUTION FACILITY OPERATION

59563

Water Distribution Facility Operation

Service Activities

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

The mission of the Water Utility is to provide quality water service to our community in a reliable, responsive, and efficient manner. The purpose of this strategy is to respond to requests for new water service installations, line spotting, water turn on/off, backflow device inspection, and contractor shut-offs.

This strategy addresses the special water infrastructure contact needs for various specific interests throughout the community.

Changes and Key Initiatives

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	1,960
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	1,960
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	2,289
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	2,346

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
To meet customer required new service requests within expected delivery dates.	Percent new services installed per customer request.	2001			95%	
		2002	95%			
		2003	95%		20% - See Notes	Due to staff vacancies, we ceased doing new service installation

<i>Strategy Outcome</i>	<i>Measure</i>	<i>Fiscal Year</i>	<i>Project</i>	<i>Mid Year</i>	<i>Actual</i>	<i>Notes</i>
Customers receive requested service in a timely manner.	<i>Percent of services completed within targeted time</i>	2004	95	70		
		2005	95			

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: WATER REVENUE METER MAINTENANCE

59564

Water revenue meter maintenance.

Service Activities

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

The mission of this program is to provide quality water service to our community in a reliable, responsible, and efficient manner. The purpose of this program is to provide the appropriate meter repair materials, replacement meters and labor to provide accurate metering for water service to over 460,000 customers. The water system is complex system with about 160,000 water meters ranging from 3/4" to 8". Accurate metering is key to obtaining customer awareness, maintaining financial solvency, and reducing unaccounted for water.

This strategy addresses the proper water use and billing accountability for the entire community.

Changes and Key Initiatives

In FY03 the utility will continue maintenance of the large (6" to 8") meters, the FY00 initiative, and the small meters (3/4" to 2"), FY00 and FY01 initiative. The FY02 initiative is to complete the maintenance of the medium meters (3" to 4") that began in FY01.

Assist Customer Service Division in evaluating automatic meter reading (AMR) options.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	2,557
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	2,557
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	2,451
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	2,891

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Complete all maintenance requirements on meters as identified by the Customer Service Division	Percent complete	2001			90%	
		2002	95%			

Complete all maintenance requirements on meters as identified by the Customer Service Division.	<i>Percent complete.</i>	2003	90%	50%	Customer Service Division establishes a monthly priority listing of meters requiring repair or replacement.
		2004	90%	50%	Customer Service Division establishes a monthly priority listing of meters requiring repair or replacement.
		2005	90%		

Priority Objectives

Goal: PUBLIC INFRASTRUCTURE

Department: PUBLIC WORKS

Program Strategy: CONTRACT O & M

59566

Contract Operations and Maintenance

Service Activities

Desired Community Condition

A reliable water system that meets health and safety standards.

Strategy Purpose and Description

The program is to account for water system operations and maintenance requirements that are imposed by service to entities other than standard customers. The only activity in this program at present is the Metropolitan Detention Center water system. That system is some 20 miles west of the City and functions completely separate from the main service system. Due to poor water quality in that area, a specialized water treatment process is used.

This strategy addresses the potable water pumping, treatment, and storage infrastructure for the Metropolitan Detention Center operated by the City and County for the benefit of the entire community.

Changes and Key Initiatives

FY03 begins the second year of this program. The key initiative for FY03 will be to deliver water service to the Metropolitan Detention Facility (MDC) at ordinance rate. This will be a challenge due to the facilities remoteness and water quality.

Input Measure (\$000's)

2001	621	621 JOINT WATER AND SEWER OPERATING FUND	101
2002	621	621 JOINT WATER AND SEWER OPERATING FUND	101
2003	621	621 JOINT WATER AND SEWER OPERATING FUND	125
2004	621	621 JOINT WATER AND SEWER OPERATING FUND	155

The FY/05 input measure is a carry-over from FY/04.

Strategy Outcome	Measure	Fiscal Year	Project	Mid Year	Actual	Notes
Have water and fire water service available to the MDC on 9/30/01.	Water system activated and in-service	2001			NA	
		2002	In service			
Keep accurate accounting of costs associated with activities within this program.	Percent of total direct cost capture.	2003	98%		0%	By use of the computer maintenance management system (CMMS) all labor, equipment and material cost maybe tracked

2004	25%	0%
------	-----	----

*By use of the computer
maintenance management
system (CMMS) all labor,
equipment and material cost
maybe tracked*

2005	25%
------	-----

Priority Objectives